1-Port USB 2.0 Print Server

Model # APSUSB211

User's Manual

Ver. 1B

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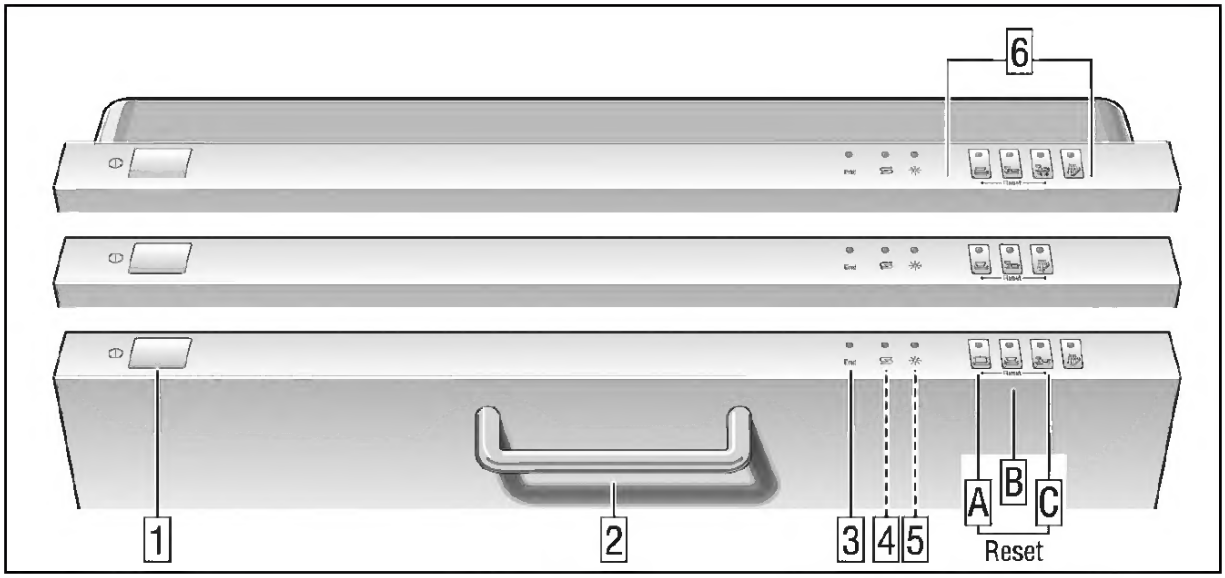

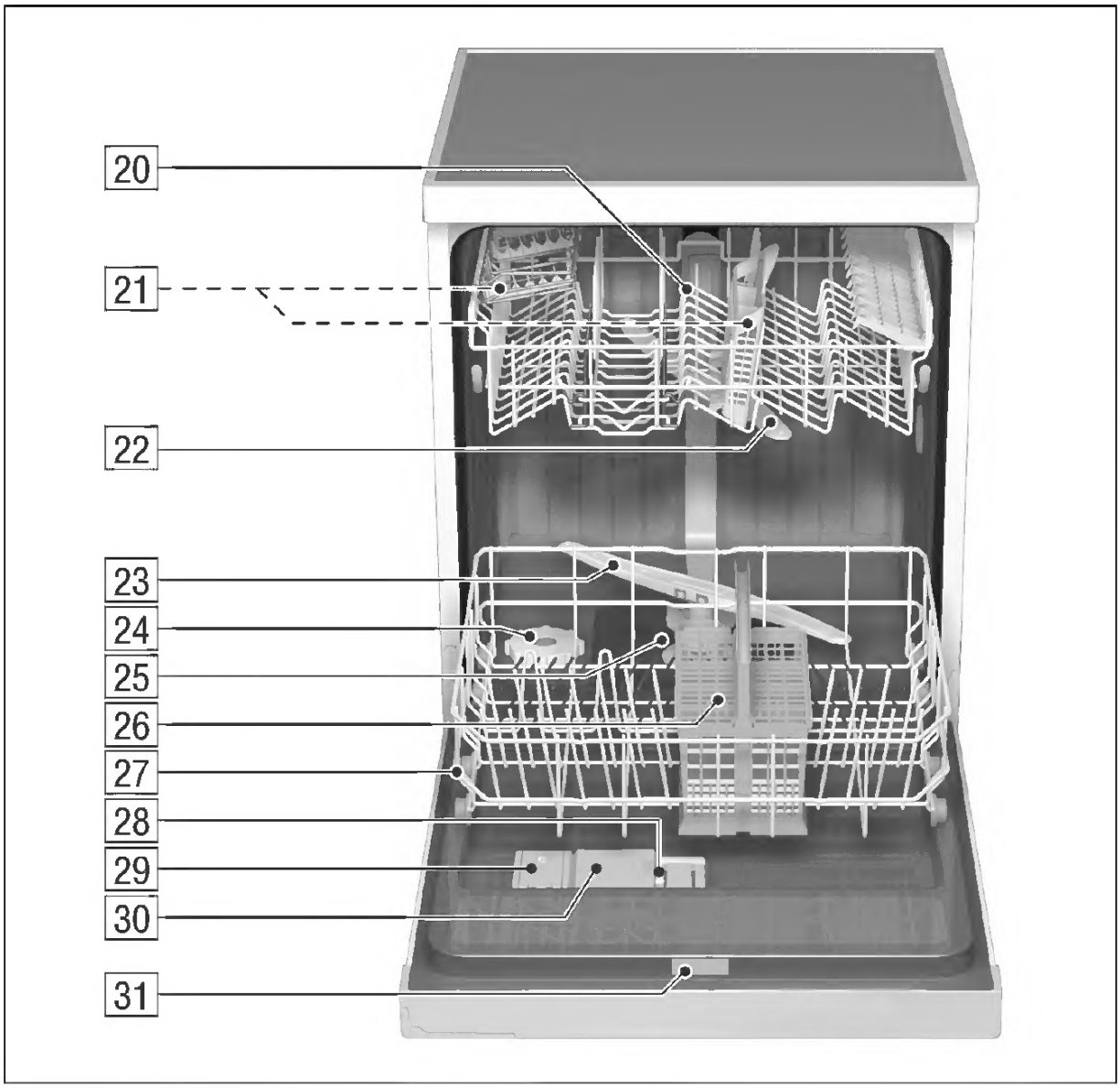

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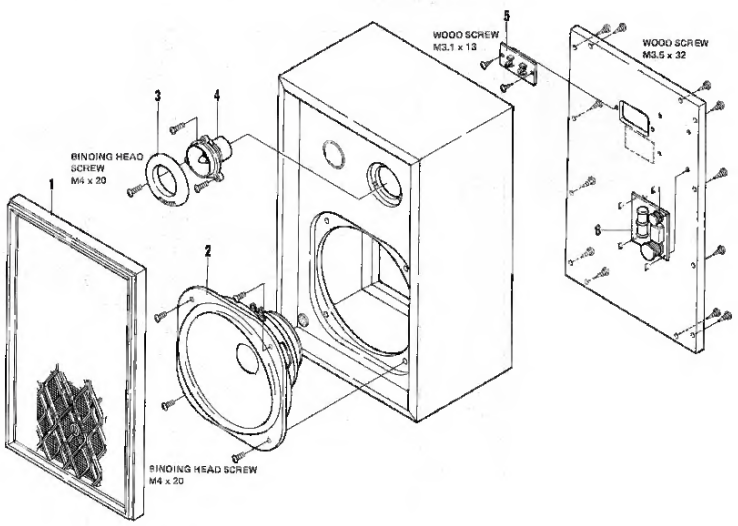
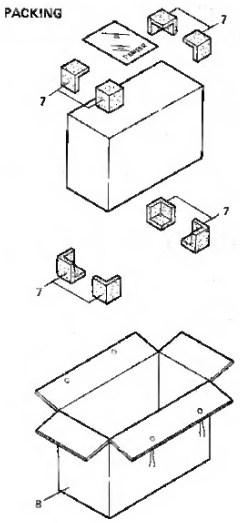
1.3 EXPLODED VIEW AND PARTS LIST



PACKING



PARTS LIST

Key No.	Description	Part No.	
1	Grille assembly	SXB-061-0	
2	Woofer	25-713F-1	
3	Tweeter ring	SNK-065-0	
4	Tweeter	PT-9D-2	
5	Input terminal	SKA-006-0	
6	Network assembly	SWN-041-0	

Key No.	Description	Part No.	
7	Corner pad	SHA-018-0	
8	Packing case	SHG-063-0	
	Speaker cord	DS1-603-A	
	Felt pad	E11-048-0	
	Operating guide	SRB-076-0	

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1	- Audio R	0.5 V_{RMS} / 1 kΩ	
2	- Audio R	0.5 V_{RMS} / 10 kΩ	
3	- Audio L	0.5 V_{RMS} / 1 kΩ	
4	- Ground Audio	Gnd	
5	- Ground Blue	Gnd	
6	- Audio L	0.5 V_{RMS} / 10 kΩ	
7	- Video Blue/C-out	0.7 V_{PP} / 75 Ω	
8	- Function Select	0 - 2 V: INT 4.5 - 7 V: EXT 16:9 9.5 - 12 V: EXT 4:3	
9	- Ground Green	Gnd	
10	- n.c.		
11	- Video Green	0.7 V_{PP} / 75 Ω	
12	- n.c.		
13	- Ground Red	Gnd	
14	- Ground P50	Gnd	
15	- Video Red/C	0.7 V_{PP} / 75 Ω	
16	- Status/FBL	0 - 0.4 V: INT 1 - 3 V: EXT / 75 Ω	
17	- Ground Video	Gnd	
18	- Ground FBL	Gnd	
19	- Video CVBS	1 V_{PP} / 75 Ω	
20	- Video CVBS/Y	1 V_{PP} / 75 Ω	
21	- Shield	Gnd	

8 - Audio - In: Left / Right, VGA

Bu	- Audio L/R in	0.5 V_{RMS} / 10 kΩ	

9 - Service / UART

1	- Ground	Gnd	
2	- UART_TX	Transmit	
3	- UART_RX	Receive	

10 - PC IN:VGA

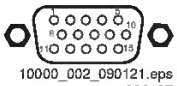

Figure 2-5 VGA connector

1	- Video Red	0.7 V_{PP} / 75 W	
2	- Video Green	0.7 V_{PP} / 75 W	
3	- Video Blue	0.7 V_{PP} / 75 W	
4	- n.c.		
5	- Ground	Gnd	
6	- Ground Red	Gnd	
7	- Ground Green	Gnd	
8	- Ground Blue	Gnd	
9	- +5V_{DC}	+5 V	
10	- Ground Sync	Gnd	
11	- Ground Red	Gnd	
12	- DDC_SDA	DDC data	
13	- H-sync	0 - 5 V	
14	- V-sync	0 - 5 V	
15	- DDC_SCL	DDC clock	

11 - RJ45: Ethernet

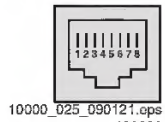

Figure 2-6 Ethernet connector

1	- TD+	Transmit signal	
2	- TD-	Transmit signal	
3	- RD+	Receive signal	
4	- CT	Centre Tap: DC level fixation	
5	- CT	Centre Tap: DC level fixation	
6	- RD-	Receive signal	
7	- GND	Gnd	
8	- GND	Gnd	

12 - EXT2: Video YPbPr - In, Audio - In

Gn	- Video - Y	1 V_{PP} / 75 W	
Bu	- Video - Pb	0.7 V_{PP} / 75 W	
Rd	- Video - Pr	0.7 V_{PP} / 75 W	
Wh	- Audio - L	0.5 V_{RMS} / 10 kΩ	
Rd	- Audio - R	0.5 V_{RMS} / 10 kΩ	

13 - Cinch: Digital Audio - Out

BK	- Coaxial	0.4 - 0.6V_{PP} / 75 Ω	

14 - HDMI 2: Digital Video - In, Digital Audio - In/Out

See 5 - HDMI: Digital Video - In, Digital Audio - In/Out

15 - HDMI 1: Digital Video - In, Digital Audio with ARC - In/Out

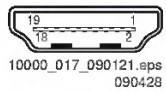

Figure 2-7 HDMI (type A) connector

1	- D2+	Data channel	
2	- Shield	Gnd	
3	- D2-	Data channel	
4	- D1+	Data channel	
5	- Shield	Gnd	
6	- D1-	Data channel	
7	- D0+	Data channel	
8	- Shield	Gnd	
9	- D0-	Data channel	
10	- CLK+	Data channel	
11	- Shield	Gnd	
12	- CLK-	Data channel	
13	- Easylink/CEC	Control channel	
14	- ARC	Audio Return Channel	
15	- DDC_SCL	DDC clock	
16	- DDC_SDA	DDC data	
17	- Ground	Gnd	
18	- +5V		
19	- HPD	Hot Plug Detect	
20	- Ground	Gnd	

16 - TV ANTENNA - In

Signal input from an antenna, cable or satellite.

2.4 Chassis Overview

Refer to 9. Block Diagrams for PWB/CBA locations.

- The water in your dishwasher should not be used for drinking. Detergent residues may still be present in your machine. Make sure you do not splash these caustic residues onto your skin or suffocate yourself! Keep children well away from your dishwasher when its door is open.

Your dishwasher in day-to-day use

- Never operate your dishwasher if the electrical supply lead, supply or drainhose, control panel, worktop or plinth are damaged.
- If there is a fault, first turn the water tap off. Then switch off your machine and pull the plug out of the socket. If there is a fixed connection, switch off or unscrew the fuse(s).
- Never pull the plug out of the socket by the cable - always hold the plug.
- Dishwasher repairs should only be performed by trained personnel. Improper repairs may seriously endanger the user. If your dishwasher needs to be repaired, you should contact our service centre or your retailer.
- Never place any solvents in your dishwasher or you may cause an explosion!
- Do not rest or sit on the open door or the machine could tilt.
- Before using special dishwasher salt, detergent or rinse-aid, make sure that the manufacturer of these products expressly specifies their use in domestic dishwashers.
- Always turn off the water tap when your dishwasher is left unattended for any length of time, e.g. when you are away on holiday.
- Only transport the dishwasher in an upright position. Tipping it upside down during transport could cause salty water to leak into the internal compartment and lead to the formation of rust.

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Note: Adjust only those controls that are covered by the operating instructions, since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.

Potentially explosive environments

Switch off your device in any area with a potentially explosive atmosphere and obey all signs and instructions. Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device near gas pumps at service stations. Observe restrictions on the use of radio equipment in fuel depots, storage and distribution areas; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), and areas where the air contains chemicals or particles such as grain, dust or metal powders.

Additional safety information

Your device and its enhancements may contain small parts. Keep them out of the reach of small children.

IT Equipment Recycling Information

Acer is strongly committed to environmental protection and views recycling, in the form of salvaging and disposal of used equipment, as one of the company's top priorities in minimizing the burden placed on the environment.

We at Acer are very conscious of the environmental effects of our business and strive to identify and provide the best working procedures to reduce the environmental impact of our products.

For more information and help when recycling, please go to this website:

http://www.acer-group.com/public/Sustainability/

Visit www.acer-group.com for further information on the features and benefits of our other products.

Disposal instructions

Do not throw this electronic device into the trash when discarding. To minimize pollution and ensure utmost protection of the global environment, please recycle. For more information on the Waste from Electrical and Electronics Equipment (WEEE) regulations, visit http://www.acer-group.com/public/Sustainability/

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Open an Electric Door

Open an electric door

If you press "DOOR REL" button when monitor is turned on, the electric door is unlocked.(But not available when monitor is turned off.)

Product Standards

A.Main Unit

Item	B/W	Color
Monitor	Black and White 4-inch flat CRT	4-inch TFT LCD
Power	AC 95V ~ 245V, 50/60Hz	
Power Consumption	MAX15W	
Resolution	380TV Lines	
Input signal	Composite Video 75 Ω	
External Jack, Input Jack	Terminal Screw	
Call Method	"Ding Dong" Sound	
Dimensions	193 x 215 x 62mm(Width x Height x Depth)	

B. Camera Doorphone

Item	B/W	Color
Image Sensor	Black and White 1/3" CCD	1/3" Color CCD
Synchronized System	Internal Sync	
Pixel	270,000 pixels	
View Angle	92°	80°
Minimum Illumination	0.2 Lux(F1.2)	0.5 Lux(F1.2)
Power	Supplied by Indoor device	
Power Consumption	3W	4W
Connection Method	4-Line	
Signal Method	Standard EIA / CCIR	NTSC / PAL
Microphone	Condenser type	
Operating Temperature	0℃ ~ +40℃	
Dimensions	96 ×128 ×45 mm(Width × Height × Depth)	

※HA-150E/HAC-150E contains SMPS and requires AC 95V~245V, 50/60Hz

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All manuals and user guides at all-guides.com

1.3.1 Interface Connectors:

1.3.1.1 Power Adaptor and Connector:

The AC inlet connector shall be an IEC 320-C13 male power receptacle for connection to mains power. The power cord shall be gray or black with length of 1.8m + 10cm/-0cm. The power cord type is worldwide type.

1.3.1.2 Analog Connector, DVI Connector and Cable: The analog signal cable shall be Gray or black and 1.8m + 10cm/-0cm. The DVI signal cable shall be Gray or black and 1.8m + 10cm/-0cm.

A. D-SUB

PIN No.	Description	PIN No.	Description
1	Red Video	9	+5 v
2	Green Video	10	Logic Ground
3	Blue Video	11	Monitor ground
4	Monitor ground	12	DDC-Serial Data
5	DDC-Return	13	H-Sync.
6	Red Ground	14	V-Sync.
7	Green Ground	15	DDC-Serial Clock
8	Blue Ground		

B. DVI

PIN No.	Description	PIN No.	Description
1	TMDS data 2-	13	NC
2	TMDS data 2+	14	+5V Power
3	TMDS data2/4 Shield	15	GND(return for +5v,hsync,vsync)
4	NC	16	Hot Plug Detect
5	NC	17	TMDS data 0-
6	DDC Clock	18	TMDS data 0+
7	DDC Data	19	TMDS data 0/5 Shield
8	NC	20	NC
9	TMDS data 1-	21	NC
10	TMDS data 1+	22	TMDS Clock Shield
11	TMDS data1/3 Shield	23	TMDS Clock +
12	NC	24	DDC TMDS Clock-

English

CE

Acer Incorporated
8F, 88, Sec. 1, Xintai 5th Rd., Xizhi
New Taipei City 221, Taiwan

Declaration of Conformity

We,

Acer Incorporated
8F, 88, Sec. 1, Xintai 5th Rd., Xizhi, New Taipei City 221, Taiwan

And,

Acer Italy s.r.l.
Via Lepetit, 40, 20020 Lainate (MI) Italy
Tel: +39-02-939-921 ,Fax: +39-02 9399-2913
www.acer.it

Product:	LCD Monitor
Trade Name:	Acer
Model Number:	**ET430K**
SKU Number:	**ET430K xxxxxx;** ("x" = 0~9, a ~ z, A ~ Z, or blank)

We, Acer Incorporated, hereby declare under our sole responsibility that the product described above is in conformity with the relevant Union harmonization legislations as below Directive and following harmonized standards and/or other relevant standards have been applied:

☒ EMC Directive: **2014/30/EU**

☒ EN 55022:2010+AC:2011 Class B	☒ EN 55024:2010
☒ EN 61000-3-2:2006+A2:2009 Class D	☒ EN 61000-3-3:2013

☒ LVD Directive: **2014/35/EU**

☒ EN 60950-1:2006/A11:2009/A1:2010/A12:2011/A2:2013

☒ RoHS Directive: **2011/65/EU**

☒ EN 50581:2012

☒ ErP Directive: **2009/125/EC**

☒ Regulation (EC) No. 1275/ 2008; EN 50564:2011

Year to begin affixing CE marking: 2016.

RU Jan / Sr. Manager
Acer Incorporated (Taipei, Taiwan)

Sep.01,2016
Date

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		right or to the left to make various adjustment.
8.	Fn	Press to select FM station mode.
9.	REC	Press to start or stop the FM or voice recording.
10.	MIC	Microphone
11.	Earphone Jack	Plug the supplied earphone here.
12.	Line-in Jack	Accepts input from external microphones, or other audio line-in devices (e.g audio CD players, stereo walkman and etc.).

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partition by setting it to a user-defined portion of the total 10Gb connection. Speed can be set from 100 Megabits per second to 10 Gigabits per second in 100 Megabit increments.

There are advantages to partitioning a 10 GbE pipeline:

- More NIC connections per server, which is especially important in a virtual machine environment.
- Ability to match bandwidths to the network function (a few examples are virtual machine migration, management console, and production data)

Flex-10 technology hardware uses two components: either the 10Gb Flex-10 LAN-on-motherboard (LOM) or the HP NC532m Flex-10 10GbE Network Adapter mezzanine card, shown in Figure 6; and the HP Virtual Connect Flex-10 10Gb Ethernet Module, shown in Figure 7.

The 10Gb Flex-10 LOM and mezzanine cards are dual 10Gb port NICs. Each 10Gb port can be configured from one to a maximum of four individual FlexNIC's. Each FlexNIC is recognized by the server ROM and the operating system or hypervisor as an individual NIC.

Figure 6. The HP NC532m Flex-10 10GbE Network Adapter

The HP Virtual Connect Flex-10 10Gb Ethernet Module, shown in Figure 7, is required to manage the 10 GbE (Flex-10) server connections to the data center network. The Flex-10 10Gb Ethernet Module recognizes and manages each FlexNIC as part of a server profile[3].

[3] "Server profiles" are HP software constructs that define characteristics of both physical and virtual servers. For more on HP server profiles, see the link to "Introducing logical servers: Making data center infrastructures more adaptive" in the "for more information" section at the end of this paper.

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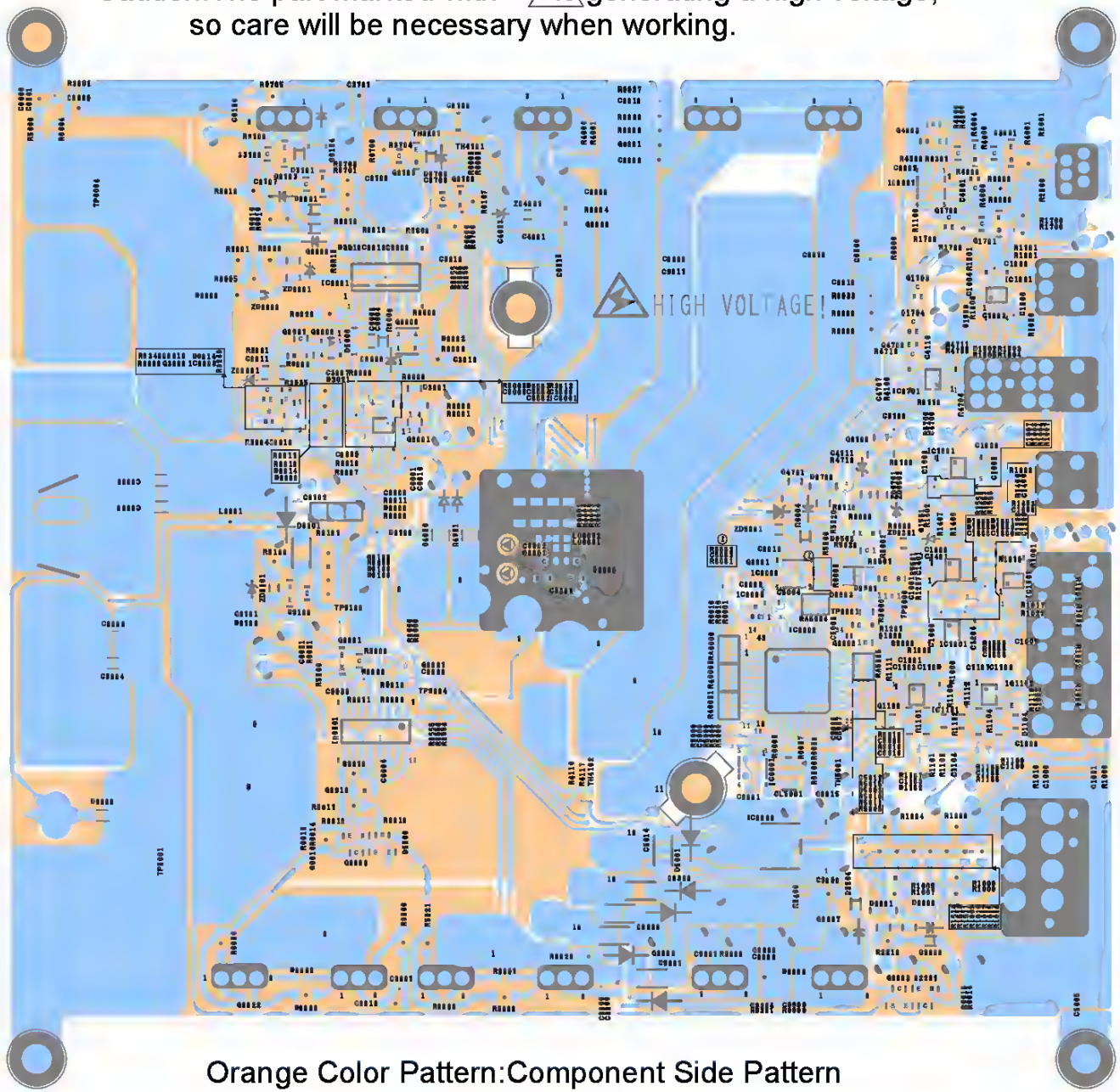
MAIN-P.W.Board

Caution:The part marked with ⚠ is generating a high voltage,
so care will be necessary when working.



Orange Color Pattern:Component Side Pattern
Blue Color Pattern:Foil Side Pattern

The signal pattern on MAIN-P.W.Board cannot cooperate with the Schematic Diagram.

System Components

This section is a virtual tour of the system's interior and exterior components.

Front Panel

No.	Component
1	USB 2.0 ports
2	Acer logo
3	Optical drive button
4	Optical drive button (Removable HDD bay for AM551 bezel)
5	Removable HDD bay
6	Power button
7	16 in 1 Card Reader
8	Headphone/Speaker-out/line-out jack
9	Microphone-in jack

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AUXILIARY SERVICES CONTROL VALVE *(Figure B1)*

This control (5) allows the tractor's hydraulic power to be used to operate external cylinders on such implements as loaders and tipping trailers. The auxiliary services control valve positions are:

Ford 2000 (where fitted), 3000 and 4000:

1 'IN' to operate the 3-point linkage.
2 'OUT' to operate external cylinders
3 'HALF-OUT' to operate the 3-point linkage and external cylinders together

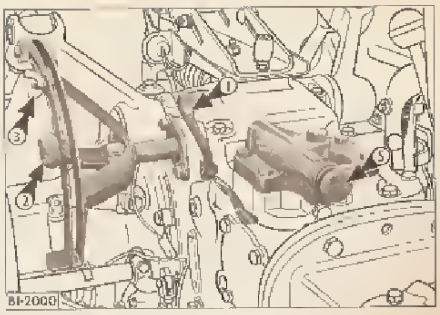
Ford 5000:

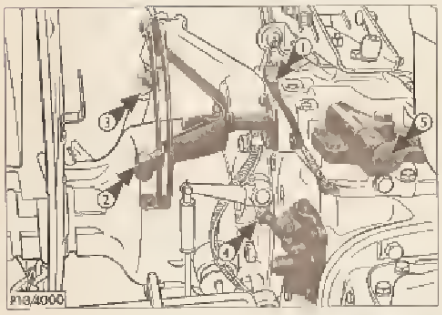
1. 'IN' to operate the 3-point linkage.
2. 'OUT' to operate external cylinders.
3. A joint service is possible by using a second jack tapping point (6) forward of the standard take-off point (7).

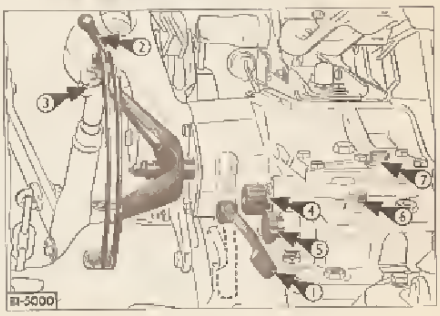
The main control lever is used to obtain the above services.

OPERATION OF EXTERNAL CYLINDERS

1. Select draft control and move the hydraulic main control lever to the 'neutral' position on the quadrant i.e. where neither raising nor lowering takes place.
2. Move the adjustable stop on the quadrant to mark this position so that neutral can be readily located.
3. To extend the cylinder, pull the auxiliary service control knob out, and raise the hydraulic main control lever above the neutral position. When the external cylinder is fully extended return the hydraulic main control lever to the neutral position to avoid possible damage to the relief valve.
   If the 3-point linkage is fully raised when using the external services it will be necessary to move the main control lever past the fixed stop at the top of the quadrant in order to operate the external cylinders
4. To retract the external cylinders, move the main control lever below the neutral position on the quadrant.







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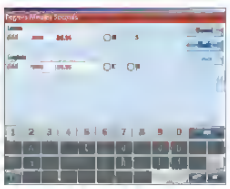
02

Using CoPilot Live

Selecting a Destination Using Lat and Long

If you know the latitude and longitude of your destination you can enter them directly.

- Click **Menu > Destination** > > **Coordinates**
- Choose to set the latitude and longitude in Degrees Minutes Seconds, Decimal Degrees or Decimal Minutes.
- Enter a latitude and longitude in the appropriate format depending on which one you selected.



CoPilot will take a few moments to find the point. When it is located a map will appear with the location pinpointed by a red arrow.

- Select **Drive** to begin navigating your route.

Choosing a Saved Trip

If you already have a saved trip that you want to use, you can access it quickly.

- Click **Menu** > **Destination** > **Dpen Saved Trip**. For details on saving a planned trip, see page 18.

Saving Your Current Location

If you are outside and have a GPS fix, you can save your current location.

- Click **Menu** > > **Save Current Location**.
- Enter a name for the destination and click **Save**.
- The location will be saved in your Favorites list, where it can be accessed as a destination in the future.

Dther Ways to Select a Destination

You can save locations as Home and Work for one-click address entry, see page 24. In addition, CoPilot lets you save your Favorite destinations so you can access them quickly, see page 25.

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4.2 Internal devices

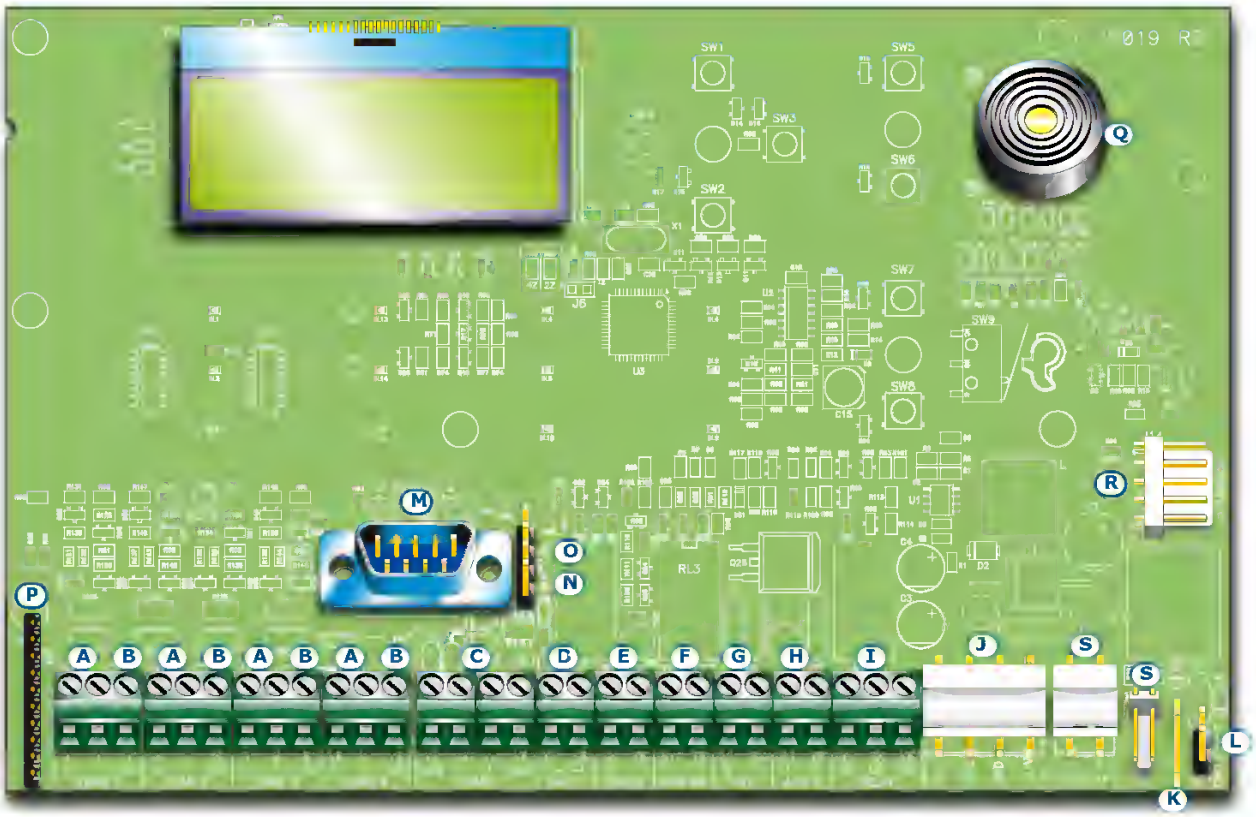

Figure 6 - SmartLine motherboard

Main components:

[A]	**ZONE +/-**	Zone detection-line terminals
[B]	**ZONE I/O**	Zone I/O terminals
[C]	**RS485**	RS485 BUS terminals for repeater and power station connections, max. 0.9 A
[D]	**FAULT**	Fault output, dry contact
[E]	**DIALER**	Output terminal for dialler connection, supervised
[F]	**ALARM NAC**	Supervised alarm output
[G]	**AUX**	24V⎓ - 0.8A output for external loads
[H]	**AUX R**	24V⎓ - 0.8A output for external loads - off during reset
[I]	**RELAY**	Programmable dry contact (Alarm at default)
[J]	Power-supply module connector	
[K]	Connector for the earth wire of the power supply module	
[L]	Earth-fault-bypass jumper - if this jumper is removed faults will be bypassed	
[M]	RS232 serial port for PC connection	
[N]	Jumper for programming from panel (keypad and LCD) J8	
[O]	Jumper for programming from PC J9	
[P]	Extinguishant module connector	
[Q]	Buzzer	
[R]	Connector for expansion board	
[S]	Reserved connectors DO NOT USE	

Text Conventions

This document uses the following conventions to distinguish elements of text:

User Input, GUI Selections	Text a user types or enters appears in boldface. Items a user selects from a GUI, such as tabs, buttons, or menu items, also appear in boldface. User input and GUI selections can appear in uppercase and lowercase letters.
File Names, Command Names, Directory Names, Drive Names	These elements can appear in uppercase and lowercase letters.
Menu Options, Dialog Box Names	These elements appear in initial capital letters and may appear in bold for emphasis.
Type	When you are instructed to *type* information, type the information **without** pressing the **Enter** key.
Enter	When you are instructed to *enter* information, type the information and then press the **Enter** key.

Symbols in Text

These symbols may be found in the text of this guide. They have the following meanings:

WARNING: Text set off in this manner indicates that failure to follow directions in the warning could result in bodily harm or loss of life.

CAUTION: Text set off in this manner indicates that failure to follow directions could result in damage to equipment or loss of information.

IMPORTANT: Text set off in this manner presents clarifying information or specific instructions.

NOTE: Text set off in this manner presents commentary, sidelights, or interesting points of information.

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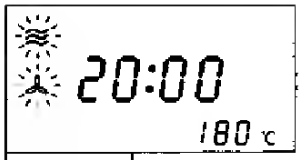
Hot-air temperature



MC 185

Press the ⁂ **button.** The pre-set time and the temperature, 150 °C, will appear in the display. The ⁂ symbol for hot-air operation starts to flash. Set the required temperature as shown in the table by using **the +/– buttons,** e. g. 180 °C (the maximum is 250 °C and the minimum 50 °C).

Start

Press the ⏀ **button.** The ≋ symbol for micro-wave and the symbol ⁂ for hot-air operation will light up, and the pre-set time will appear in the display. It counts downwards in seconds.

Note

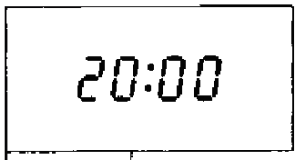
The power level can be called up on the display during operating by **pressing the** ⏥ **button.**
The turntable should always be switched on during combined operation of micro-wave and hot-air.

Shelf level

Insert the baking tray at the level shown in the table when baking pastries. Please also insert the glass fat drip-tray and the wire tray as shown in the table.

Combined micro-wave and infratherm grilling

Grilling time



MC 180

Press the ◴ **button.** The time of day will disappear from the display.
Set the required cooking time (the maximum is 99 minutes) by using **the +/– buttons** e. g. 20 minutes.

Micro-wave

Press the ⏥ **button.** The highest power level, P 9, will appear in the display. The micro-wave symbol ≋ will start to flash. Set the required output as shown in the table by using **the +/– buttons,** e. g. P 5.

Infratherm temperature

MC 186

Press the ⏄ **button.** The pre-set time and the temperature, 180 °C, will appear in the display. The ⏄ symbol for infratherm grilling starts to flash. Set the required temperature as shown in the table by using **the +/– buttons,** e. g. 180 °C (the maximum is 200 °C and the minimum 50 °C).

Start

Press the ⏀ **button.** The ≋ symbol for micro-wave and the ⏄ for infratherm grilling will light up, and the pre-set time will appear in the display. It counts downwards in seconds.

MCSUE630 08/93 GB - MCSUE631 08/93 GB

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Positioning

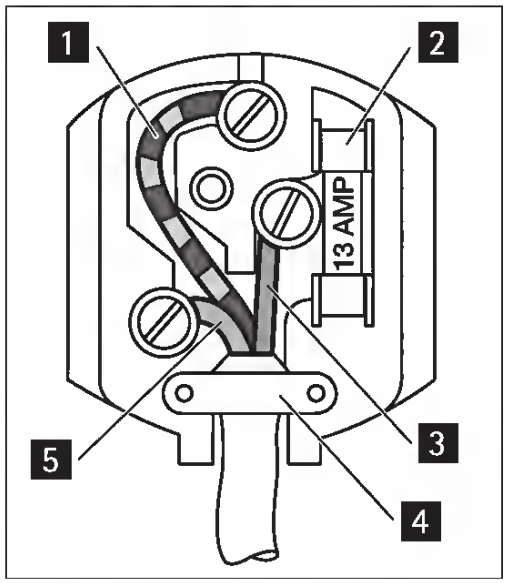
Install this appliance at a location where the ambient temperature corresponds to the climate class indicated on the rating plate of the appliance:

Climate class	Ambient temperature
SN	+10°C to + 32°C
N	+16°C to + 32°C
ST	+16°C to + 38°C
T	+16°C to + 43°C

Electrical Connection

CAUTION!
Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

WARNING!
This appliance must be earthed.
The manufacturer declines any liability should these safety measures not be observed.



The wires in the mains lead are coloured in accordance with the following code:

1	Green and Yellow:	Earth
3	Brown.	Live
5	Blue:	Neutral

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows.

1. Connect the wire coloured green and yellow to the terminal marked either with the letter "E" or by the earth symbol ⏚ or coloured green and yellow.

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Complimenti per aver scelto un arieggiatore WOLF

Leggere attentamente le istruzioni per l'uso e familiarizzare con gli elementi di comando e con il coretto utilizzo dell'apparecchio. L'utente è responsabile degli incidenti causati ad altre persone o alla loro proprietà. Osservare le idicazioni, le spiegazioni e le prescrizioni.

Non fate lavorare con lo scarifi catore bambini o altre persone che non conoscono il funzionamento della macchina. Le disposizioni locali possono eventualmente limitare l'età minima per l'operatore.

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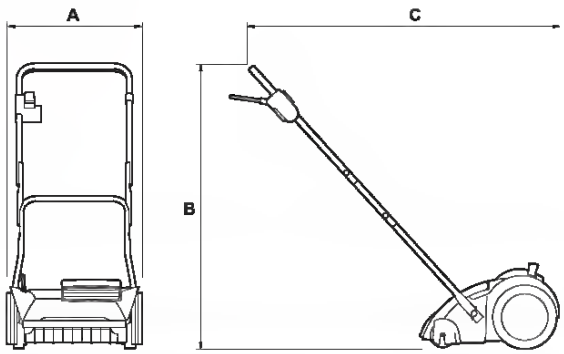
Dati tecnici



Ci riserviamo per tanto eventuali modifiche tecnici dovute all' u l teriore sviluppo dei nostri prodotti.

D Misuratione della rumorosità all'altezza dell'orecchio dell'utente eseguita in confomotà alla norma EN 13684.

E Vibrazioni misurate sul manubrio di guida, con utente, in conformitá a EN 1033, EN 13684. L'accelerazione ponderata tipica è di

	UV 29 EV
Tipo	3618 .
A	53 cm
B	93 cm
C	121 cm
D	LP 83 dB (A)
E	$a_{hw} \leq 2{,}5$ m/s^2
Potenza	800 W
Tensione	230 VAC
Altezza di taglio	9 / 1 / -3 / -6 / -9 / 12 mm
Larghezza di lavovo	30 cm
Peso	11 kg

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Section 4 - ADJUSTMENTS & REPAIR

WARNING

DO NOT attempt any adjustments, maintenance, service or repairs with the engine running. Stop engine. Stop blade. Engage parking brake. Remove key. Remove spark plug wire from spark plug and secure away from plug. Engine and components are HOT. Avoid serious burns, allow all parts to cool before working on machine. Fuel Filler Cap and Vent must be closed securely to prevent fuel spillage.

4.1 ENGINE ADJUSTMENTS & REPAIR

Refer to the engine owner's manual for those adjustments and/or repairs that can be made by the owner.

4.2 MOWER DECK & COMPONENT ADJUSTMENTS

The following mower deck and component adjustments and repairs can be made by the owner. However, if there is difficulty in achieving these adjustments and repairs, it is recommended that these repairs be made by an authorized SNAPPER dealer.

WARNING

Once blade is disengaged it should come to a stop in 3 seconds or less. If the blade continues to rotate after 3 seconds the blade brake must be adjusted. DO NOT continue to operate the machine if the blade brake is not operating properly.

4.2.1. BLADE BRAKE ADJUSTMENT

The automatic Blade Brake should stop the blades within 3 seconds anytime the blades are disengaged by moving blade lever to the "OFF" position or by releasing the Blade Pedals. When the Blade Brake is properly adjusted there should be 1/8" to 1/4" clearance between the Blade Engagement Lever and the back of the Latch Plate. Check this by disengaging the Blade Lever and depressing the Blade Pedals as shown in Figure 4.2. If clearance is greater than 1/4" perform the following adjustment.

1. Remove Belt Cover. Refer to Section "BLADE BELT COVER REMOVAL".

2. With the blade engagement lever disengaged, hold the blade pedals down and measure the distance between the front of the blade lever and the rear of the latch plate. The dimension should be 1/8" to 1/4" clearance between lever and plate. See Figure 4.2. If the dimension is incorrect go to step 3.

3. If dimension is greater than 1/4", rotate nut clockwise to increase brake tension. If dimension is less than 1/8", rotate nut counter-clockwise to decrease brake tension. See Figure 4.1.

4. Reinstall belt cover.

WARNING

DO NOT operate machine until blade brake is adjusted and functioning properly. If blade stop time can not be achieved with the adjustment procedure described above, take machine immediately to an authorized Snapper dealer.

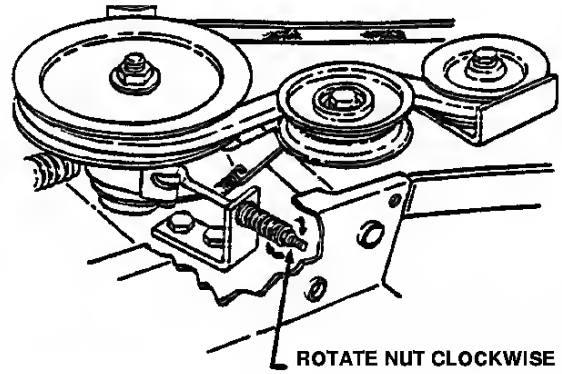
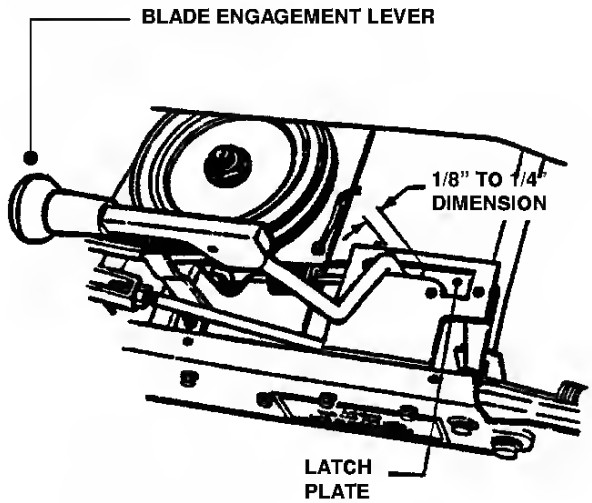


FIGURE 4.1



NOTE: BLADE PEDALS ARE ENGAGED

FIGURE 4.2

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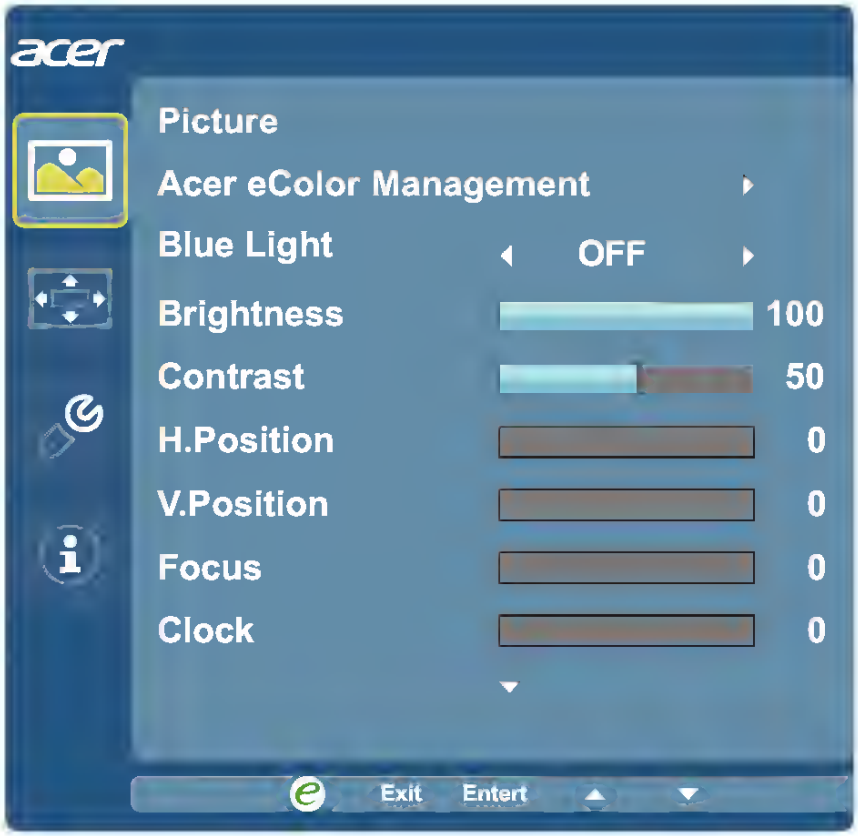
English

Adjusting the OSD settings

Note: The following content is for general reference only. Actual product specifications may vary.

The OSD can be used for adjusting the settings of your LCD Monitor.
Press the MENU key to open the OSD. You can use the OSD to adjust the picture quality, OSD position and general settings. For advanced settings, please refer to following page:

Adjusting the picture quality



1. Press the MENU key to bring up the OSD.
2. Using the ◄ / ► keys, select Picture from the OSD. Then navigate to the picture element you wish to adjust.
3. Use the ◄ / ► keys to adjust the sliding scales.
4. The Picture menu can be used to adjust the current Brightness, Contrast, Colour Temp, Auto Config and other image-related qualities.
5. Blue Light: filter out blue light by adjusting different Blue Light showing ratio - 80%, 70%, 60%, 50%.

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Country	ISO 3166 2 letter code	Country	ISO 3166 2 letter code
France	FR	Sweden	SE
Germany	DE	United Kingdom	GB
Greece	GR	Iceland	IS
Hungary	HU	Liechtenstein	LI
Ireland	IE	Norway	NO
Italy	IT	Switzerland	CH
Latvia	LV	Bulgaria	BG
Lithuania	LT	Romania	RO
Luxembourg	LU	Turkey	TR

Specific absorption rate information

This device meets the EU requirements on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

The limits are part of extensive recommendations for the protection of the general public. These recommendations have been developed and checked by independent scientific organizations through regular and thorough evaluations of scientific studies. The unit of measurement for the European Council's recommended limit for mobile devices is the "Specific Absorption Rate" (SAR), and the SAR limit is 2.0 W/kg averaged over 10 grams of body tissue. It meets the requirements of the International Commission on Non-Ionizing Radiation Protection (ICNIRP).

For body worn operation, this device has been tested and meets the ICNIRP exposure guidelines and the European Standard, for use with dedicated accessories. Use of other accessories which contain metals may not ensure compliance with ICNIRP exposure guidelines.

The low band 5.15 to 5.35 GHz is for indoor use only.
This equipment complies with the essential requirements of the European Union directive 1999/5/EC. See Statements of European Union Compliance, and more details refer to the attached Declaration of Conformity.

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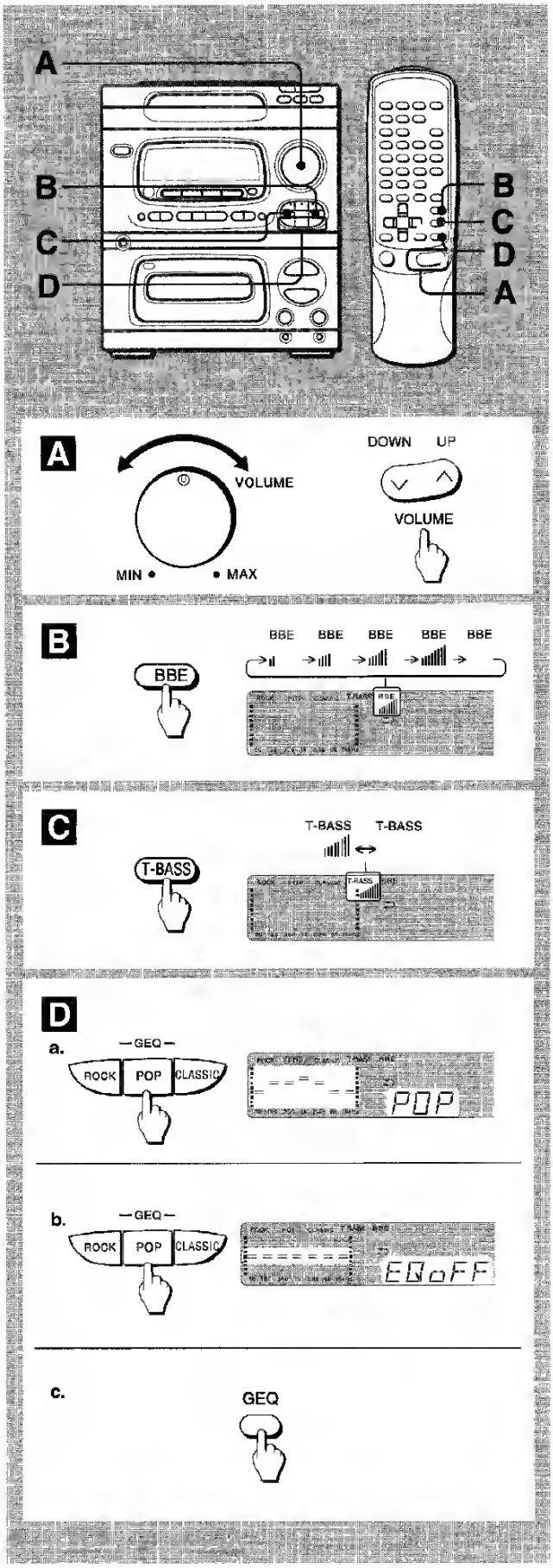
ADJUSTING THE SOUND



VOLUME → A

To adjust the volume with the VOLUME control on the main unit

To increase the volume, turn the VOLUME control clockwise.
To decrease the volume, turn the VOLUME control counterclockwise.

To adjust the volume with the VOLUME buttons on the remote control

To increase the volume, press the ∧ button.
To decrease the volume, press the ∨ button.

BBE system (NSX-3900 only) — For clear and vivid high-definition sound → B

The BBE system enhances the clarity of high-frequency sounds. It also helps your voice to be clearer when singing with the Karaoke functions.
Press the BBE button. Each time it is pressed, the level changes. Select one of the four levels, or the off position, to suit your preference.

Recording with BBE

Sound can be recorded with BBE. When listening to a tape recorded with BBE, it is recommended that BBE be set to off.

SUPER T-BASS — For louder deep bass → C

T-BASS function enhances the realism of low-frequency sounds.
Press the T-BASS button to turn on the ıll indicator.
To turn it off, press the T-BASS button again.

GEQ (GRAPHIC EQUALIZER) → D

For greater listening pleasure, you can select one of three different equalization curves.
ROCK: Powerful sound emphasizing treble and bass.
POP: More presence of vocals and midrange.
CLASSIC: Sound enriched with heavy bass and fine treble.

a. To select an equalization mode

Press one of the GEQ buttons. You can check the selected mode in the display.

b. To cancel the selected mode

Press the selected button again.
EQ oFF is displayed.

c. To select with the remote control

Press the GEQ button repeatedly until the desired equalization curve is displayed.

→ ROCK ⟶ POP ⟶ CLASSIC ⟶ EQ oFF ⟶

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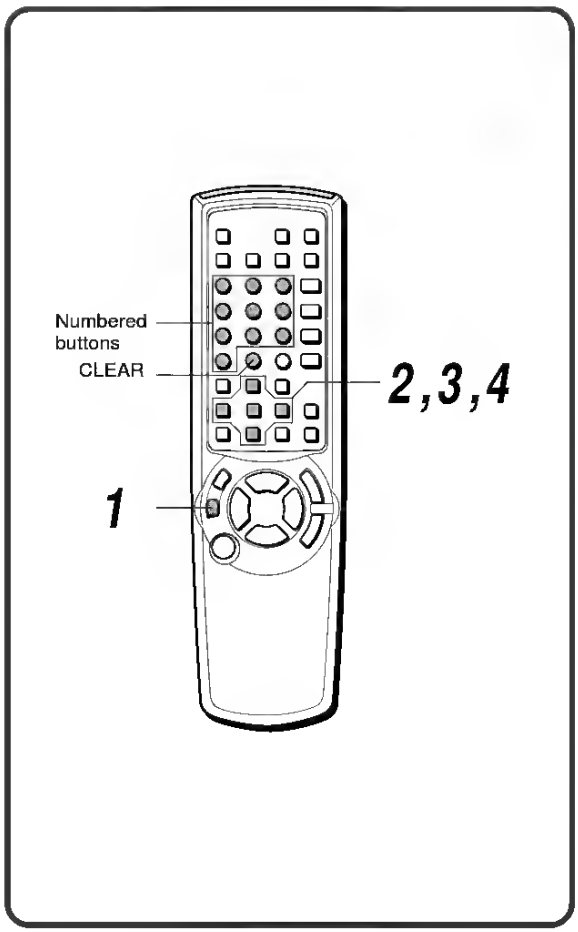
SEARCH



This DVD player provides three types of DVD searches.

Title search
Specify a title number.
To use this feature with Video CDs that support PBC, turn off PBC first. (See"CHANGING SETUP VALUE" on page 39.)

Chapter search
Specify a chapter number.

Time search
Specify the elapsed time of the desired location.

Title search (DVD)/Track search (VCD without PBC/CD)

1 **Press ON SCREEN DISPLAY ON/OFF, either while playing or when stopped.**

Go to step 3, if you press it while a DVD disc stops.

2 **Press ▲ or ▼ to select "TITLE" or "TRACK".**

3 **Press ◀ or ▶ to enter the desired title or track number.**

- Numbered button is also available to select the desired title number.

How to enter numbers
Example: to play title number 2
Press 2.
Example: to play title number 10
Press 1, 0.

If you enter the wrong number
Press **CLEAR** to remove the number you entered. Then enter the correct number.

4 **Press ENTER.**

Playback begins with the specified title or track.

NOTE
If no button is pressed for 10 seconds, the OSD menu disappears.

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Adjusting miscellaneous settings

1 Press any MENU key to bring up the OSD.

2 Using the ◀ / ▶ keys, select Setting from the OSD, then navigate to the setting you want to adjust.

3 The Setting menu can be used to adjust the screen Menu Language and other important settings including Input, Overdrive level, ULMB and Refresh Rate.

4 Select Power-off USB charge ON/OFF to enable or disable the Power-off USB charging function.

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5.9 Прийом цифрових радіоканалів

У разі наявності цифрового мовлення цифрові радіоканали встановлюються автоматично під час початкового встановлення телевізора. Щоб змінити порядок радіоканалів, перегляньте *Розділ 6.3 Упорядкування каналів*.

1. Натисніть кнопку **OK** на пульті дистанційного керування. З'явиться меню **All channels** .
2. Виберіть радіоканал, використовуючи кнопки з цифрами.
3. Натисніть **OK**.

5.10 Оновлення програмного забезпечення телевізора

Компанія Philips постійно вдосконалює свої вироби, тому ми рекомендуємо вам оновлювати програмне забезпечення вашого телевізора, коли такі оновлення з'являються. Перевірити наявність оновлень можна на веб-сайті www.philips.com/support.

Перевірка поточної версії програмного забезпечення

1. Натисніть кнопку **MENU** на пульті дистанційного керування і виберіть **Install ▸ Current software info.**

Оновлення програмного забезпечення (для цифрового мовлення)

У разі використання технології цифрового мовлення (DVB-T) ваш телевізор отримує оновлення програмного забезпечення автоматично. Якщо на екрані з'явилося повідомлення з проханням дозволити оновлення програмного забезпечення, виконайте такі дії:

- щоб оновити програмне забезпечення негайно, виберіть варіант **Now** (рекомендовано);
- щоб оновити програмне забезпечення пізніше, отримавши відповідне нагадування, виберіть варіант **Later**;
- якщо ви не бажаєте оновлювати програмне забезпечення, виберіть варіант **Cancel** (не рекомендується).

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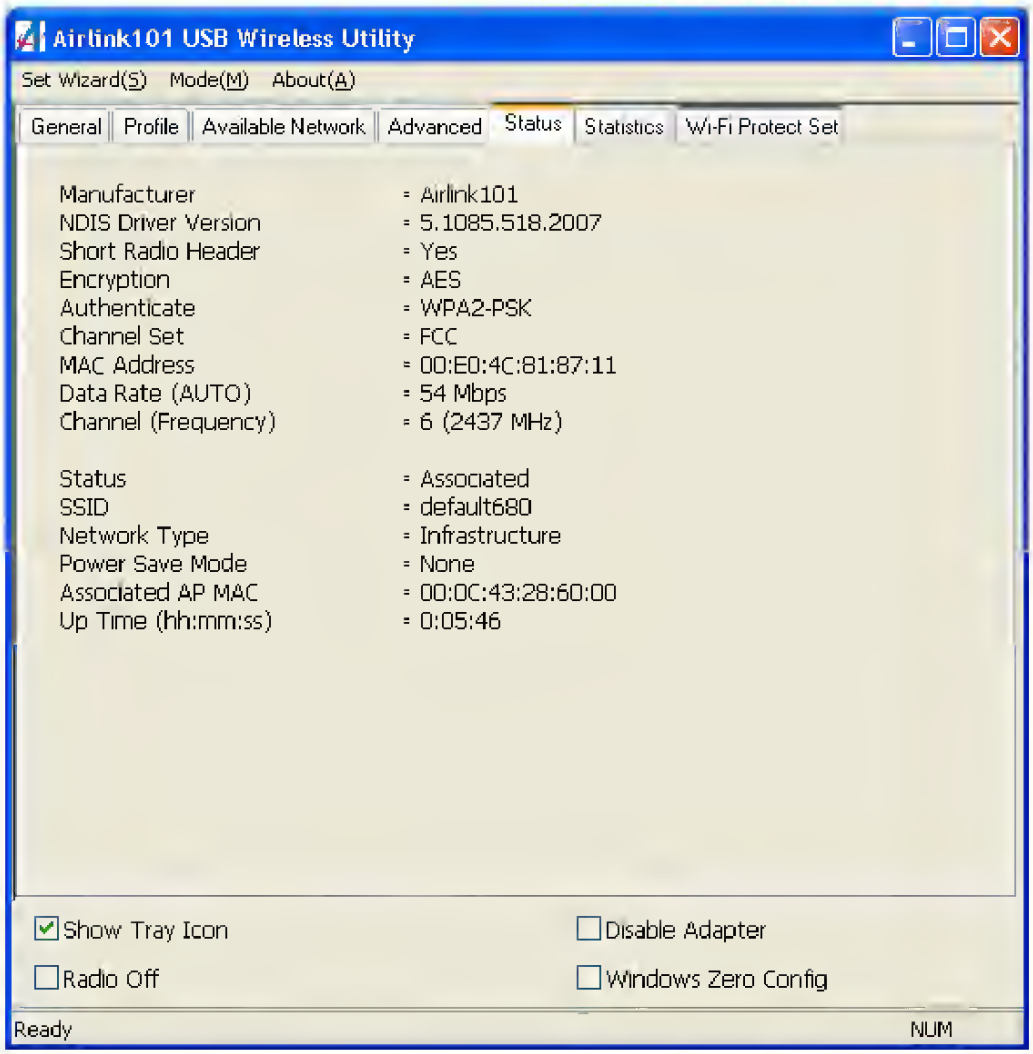
4.6 Statistics



This section provides transmit and receive statistics.

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SETTING THE AUTO PICTURE CONTROL

Whether you're watching a movie or a sporting event, your TV has automatic video control settings matched for your current program source or content. The Auto Picture feature quickly resets your TV's video controls for a number of different types of programs and viewing conditions you may have in your home. Each Auto Picture setting is preset at the factory to automatically adjust the TV's Brightness, Color, Picture, Sharpness, Tint, Color Temperature, DNR and Contrast+ levels.

BEGIN

1 **Press the AUTO PICTURE button** on the remote control. The current Auto Picture setting will appear in the middle of the screen.

2 **Press the AUTO PICTURE button repeatedly** to select either PERSONAL, MOVIES, SPORTS, WEAK SIGNAL, or MULTI MEDIA picture settings.

Note: The **PERSONAL** setting is the setting that you setup using the PICTURE options within the on-screen menu. This is the only Auto Picture setting that can be changed. All other settings are setup at the factory during the time of production.

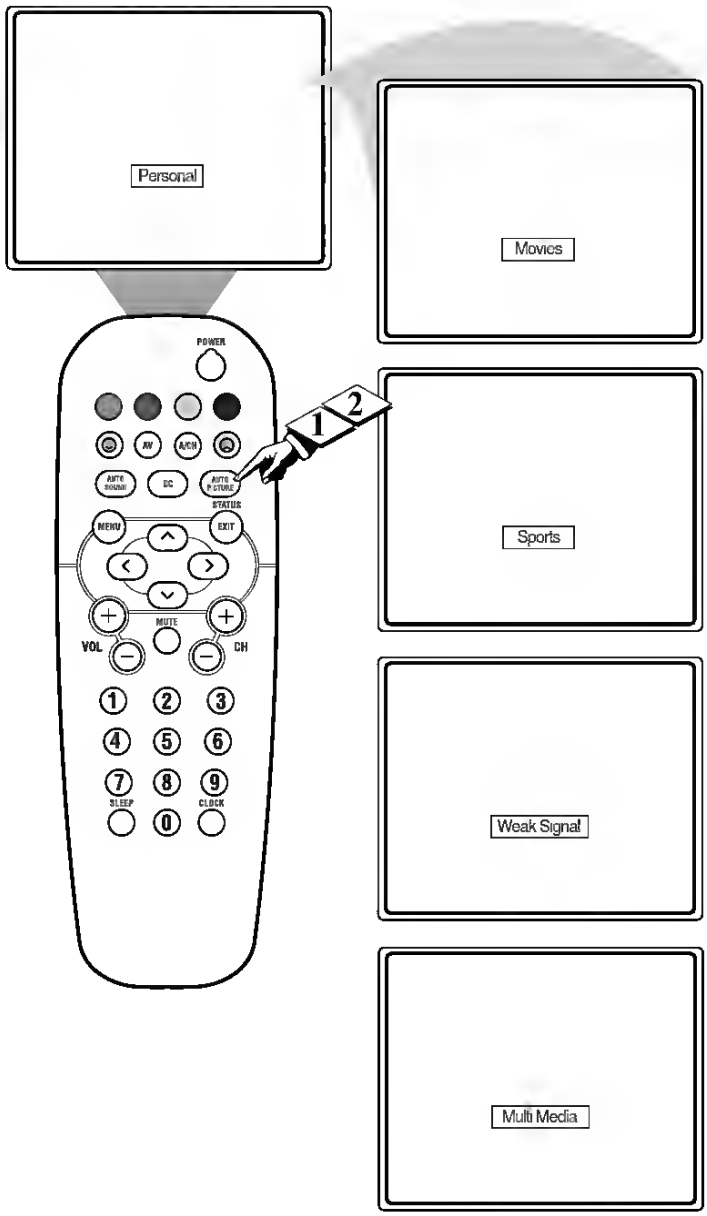
MOVIES - Preset picture options for watching Video Tapes, or DVDs.

SPORTS - Preset picture options for watching sporting events.

WEAK SIGNAL - Preset picture options for watching programs where the reception is not at its best.

MULTI MEDIA - Preset picture options for use with video gaming.

STOP



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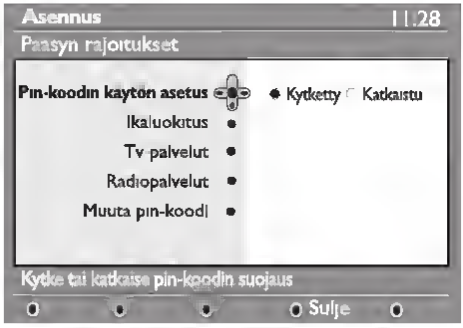
13 Pääsyn rajoitukset

Tämä valikko antaa sinun asettaa pääsyrajoituksia digitaalisille kanaville.

1 Näytä asennusvalikko painamalla digitaalisessa tilassa MENU DIGITAL -näppäintä.

2 Paina ▼-näppäintä, valitse Pääsyn rajoitukset ja paina ▶-näppäintä.

3 Paina ▶-näppäintä ja siirry **Pin-koodin käytön** asetus -valikkoon.



4 Käytä ◄ ►-näppäimiä, säädä Kytketty-asentoon ja poistu painamalla OK -näppäintä. Pääset siten tekemään muita säätöjä.

Varoitus

Käyttöoikeusrajoituksia käytettäessä sinun on annettava pin-koodi ohjelman ajastettua tallentamista varten.

5 Palaa edelliseen valikkoon painamalla ◄ -painiketta.

6 Poistu valikosta painamalla MENU DIGITAL -näppäintä.

- **Ikäluokitus:** lukitse kanava valitsemalla haluamasi luokitus. Ikäluokitus estää ainoastaan joidenkin ohjelmien katselun silloin, kun tarvittavat tiedot on liitetty ohjelman yhteyteen.
- **TV-palvelut** valitse lukittava TV-kanava ja paina sitten OK.
- **Radiopalvelut** valitse lukittava radiokanava ja paina sitten OK.
- **Muuta pin-koodi** siirry valikkoon painamalla ▶. Vaihda käyttöoikeuskoodi toimimalla näytön ohjeiden mukaan. Oletusarvoinen pin-koodi on 1234. Jos olet unohtanut henkilökohtaisen koodin, pin-koodi voidaan palauttaa oletukseksi (1234) antamalla yleiskoodi 0711.

Huomaa

TV-vastaanottimessa on paikka kortinlukijalle (Common Interface) (katso sivu 28). Voit hankkia tämän kortinlukijan tilaamalla palvelun joltakin palveluntarjoajalta, kuten Pay TV:ltä tai vastaavalta. Kortinlukijan ei kuulu TV-vastaanottimen toimitukseen.

Pääsyrajoitusvalikko näyttää kortinlukijan pääsyrajoitukset, kun kortinlukija on asennettu. Näytössä näkyvät viestit ja tekstit ovat riippuvaisia kortinlukijasta. Häiriön tai poikkeavan toiminnan ilmetessä on otettava yhteyttä palveluntarjoajaan.

English

Ejecting the optical (CD or DVD) drive tray

To eject the optical drive tray when the computer is turned on, press the drive eject button.

When the power is off, you can eject the drive tray using the emergency eject hole.

Insert a straightened paperclip into the hole to perform an eject.

Using a computer security lock

A security keylock notch, located on the rear of the computer, lets you connect a Kensington-compatible computer security lock.

Wrap a computer security lock cable around an immovable object such as a table or handle of a locked drawer. Insert the lock into the notch and turn the key to secure the lock. Some keyless models are also available.

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BOTONES DEL CONTROL REMOTO RELACIONADOS CON EL DISPOSITIVO ACCESORIO

Al usar el control remoto del TV con un dispositivo accesorio, primero compruebe que esté configurado para controlar su dispositivo accesorio (mediante el método de CÓDIGO REMOTO o el método de BÚSQUEDA).

1 **Ajuste el botón select TV/DVD/AUX/ACC** y seleccione el modo deseado.

2 **Al presionar los botones, apunte la parte superior del control remoto** hacia la parte delantera del dispositivo accesorio (ventana del sensor de remoto).

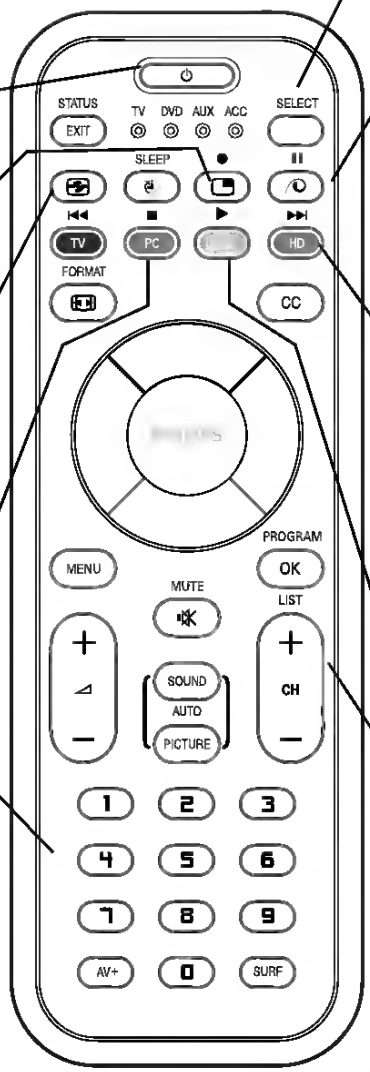
BOTÓN DE ENCENDIDO
Presione para encender y apagar el dispositivo accesorio.

BOTÓN ● GRABAR
Mantenga presionado el botón GRABAR VCR para comenzar una grabación en el VCR.

BOTÓN REBOBINAR ⏮
Presione para rebobinar las cintas. Para algunos VCR, puede que haya que presionar primero el botón PARAR y luego REBOBINAR. Puede usarse para explorar hacia atrás a través de capítulos o títulos en películas en DVD.

BOTÓN PARAR ■
Presione para detener el movimiento de una cinta o para detener la reproducción de un DVD.

BOTÓN DE NÚMERO
Presione estos botones para seleccionar directamente los canales. También puede usarse para introducir números directos de configuraciones de función en ciertos menús en pantalla.



BOTÓN SELECT
Seleccione el modo correcto para enviar los comandos remotos al dispositivo accesorio. Aparecerá una luz sobre el modo seleccionado.

BOTÓN PAUSA ⏸
Presione para detener temporalmente la cinta durante una reproducción o grabación o para detener temporalmente la reproducción de un DVD. Presione nuevamente para soltar Pausa.

BOTÓN AVANCE RÁPIDO ⏭
Presione para avanzar rápidamente una cinta o DVD. Para algunos dispositivos accesorios, puede que deba presionar primero el botón PARAR y luego el botón AVANCE RÁPIDO . En el modo de reproducción, mantenga presionado el botón para ver la imagen avanzando rápidamente.

BOTÓN REPRODUCIR ▶
Presione para comenzara reproducir una cinta de vídeo, un DVD, etc.

BOTONES CANAL + / -
Presione para explorar hacia arriba o hacia abajo a través de los números de canales si su dispositivo accesorio puede cambiar canales.

CONSEJO ÚTIL

Los botones en el control remoto no harán funcionar su dispositivo accesorio si esas funciones no se encuentran en el control remoto de su dispositivo accesorio.

Nota: Todas las funciones (particularmente **Búsqueda**, Rebobinado, Avance rápido, etc.) funcionarán lo mismo que con el control remo-

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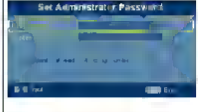
 	User password • Press ▶ to setup or change the "User Password". • Press number keys to set your password on the remote control and press "MENU" to confirm • Press ◀ to delete character • Enter the password when you see "Confirm Password" displayed • The password should be between 4 and 8 characters long. • If you select "Request password only when plugging the power cord in.", the projector will prompt the user to enter the password every time the power cord is plugged. • If you select "Always request the password when turning the projector on ", the user has to enter the password every time when the projector is turned on
	Administrator Password The "Administrator Password" can be used in both the "Enter Administrator Password" and "Enter Password" dialog boxes. • Press ▶ to change the "Administrator Password". • The factory default of "Administrator Password" is "1234" If you forgot your administrator password, do the following to retrieve the administrator password. • An unique 6-digit "Universal Password" which is printed on the Security Card (please check accessory in the box). This unique password is the number which will be accepted by projector anytime no matter what the Administrator Password is. • If losing this security card and number, please contact with an Acer service center
Auto Screen	Default is "On", the down/up move of electronic screen will be related with power on/off of Projector.
Reset	• Press the ▶ button and choose "Yes" to return the parameters on all menus to the factory default settings.
PIP	• Choose "On" to see two screens at the same time. • Choose "Off" to disable the function.
PIP Source	Press ◀ and ▶ to choose the secondary video source. Composite, S-Video or Component signal.
PIP Location	Choose the PIP secondary signal location on the display screen.
PIP Size	Choose the PIP secondary signal size on the display screen.

Note: When PIP function is activated, zoom and keystone function is unavailable.
Note: "PIP", " PIP Source", "PIP Location" and "PIP Size" functions are only supported under HDMI mode.

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Timer

Timer Location	• Choose the location of the timer on the screen.
Timer Start	• Press > to start or stop the timer.
Timer Period	• Press < or > to adjust the timer period.
Timer Display	• Press < or > to which timer mode to display on the screen.

Language

Language	Choose the multilingual OSD menu. Use the ∧ or ∨ key to select your preferred menu language. • Press > to confirm the selection.

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Can I change the screen resolution?

Yes, you can. Move your cursor to the lower left-hand corner of the screen and type 'Control Panel' in the text box to display the results; select **Control Panel** > **Adjust screen resolution**. Alternatively, you can also right-click anywhere on the desktop and select **Screen resolution**.

How do I set the alarm?

Your computer can act as an alarm clock. Search 'Alarms' and then select **Alarms**.

1. Select a name for the alarm.
2. Set the time by choosing the hour and minute.
3. Select AM or PM.
4. Choose which days the alarm should go off.
5. Select the sound notification.
6. Select the snooze time.
7. Save the alarm by selecting the *Save* icon in the bottom right-hand corner.

Note

The alarm will only sound if your computer is awake at the set time.

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Troubleshooting

If you experience trouble with the projector, refer to the following information. If the problem persists, please contact your local reseller or service center.

Problem: No image appears on screen.

- Ensure all the cables and power connections are correctly and securely connected as described in the "Installation" section.
- Ensure the pins of connectors are not crooked or broken.
- Check if the projection lamp has been securely installed. Please refer to the "Replacing the lamp" section.
- Make sure you have removed the lens cap and the projector is switched on.
- Ensure that the "Hide" feature is not enabled.

Problem: Partial, scrolling or incorrectly displayed image.

- Press the "Re-Sync" button on the Remote Control.
- If you use a PC:
  If the resolution of your computer is higher than 800 x 600 (PD117D) / 1024 x 768 (PD126D).
  Follow the steps outlined below to reset the resolution.
  For Windows 3.x:
  1. In the Windows Program Manager, click the "Windows Setup" icon in the Main group.
  2. Verify that your display resolution setting is less than or equal to 800 x 600 (PD117D) / 1024 x 768 (PD126D).

  For Windows 95,98,2000,XP:
  1. Open "My Computer" icon, the "Control Panel" folder, and then double click on the "Display" icon.
  2. Select the "Setting" tab.
  3. In the "Desktop Area" you will find the resolution setting. Verify that the resolution setting is less than or equal to 800 x 600 (PD117D) / 1024 x 768 (PD126D) resolution.

  If the projector is still not projecting the whole image, you will also need to change the monitor display you are using. Refer to the following steps.

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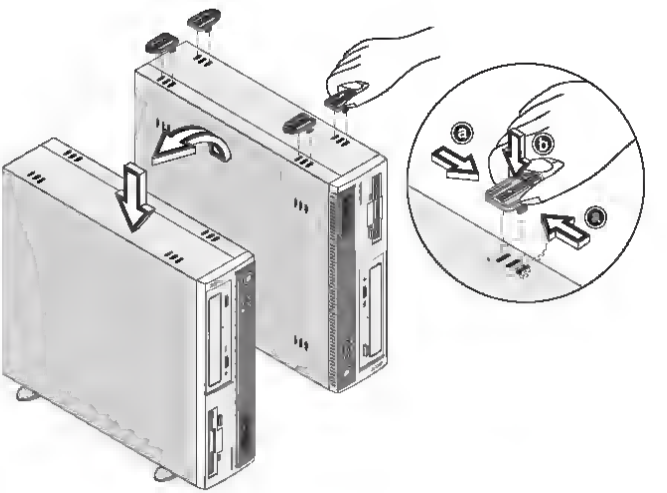
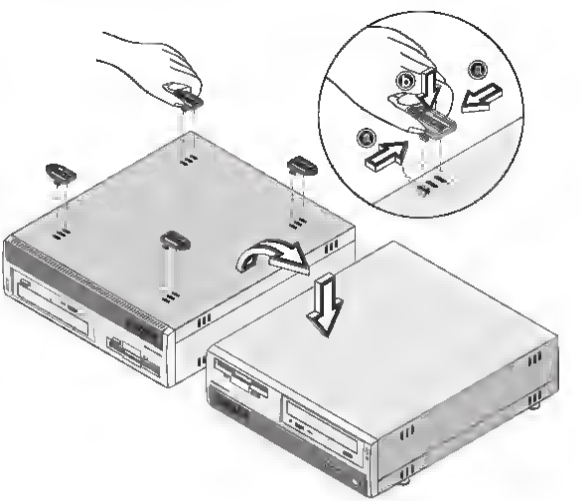
b. Attach the foot stands to the slots on the housing frame as shown in the figure below:



To place your PC in the regular desktop position:

1. Check the foot stands that came with your computer.
2. Attach the foot stands as shown in the figure that follows.



9. Circuit Descriptions, Abbreviation List, and IC Data Sheets

Index of this chapter:

9.1 Basic Hardware Descriptions
9.2 Functional Description
9.3 Abbreviation List

9.1 Basic Hardware Descriptions

9.1.1 ST92195C/D Microcontroller

General Features

- Register File based 8/16 bit Core Architecture with RUN, WFI, SLOW, HALT modes
- 00 to +700C operating temperature range
- Up to 24MHz operation @ 5V (10%)
- Min. Instruction cycle time: 165ns @ 24MHz
- 48, 56, 84, 84 or 96 Kbytes ROM
- 256 bytes RAM of Register file (accumulators or index registers)
- 256 to 512 bytes of on-chip static RAM
- 2 or 8 Kbytes of TDSRAM (Teletext and Display Storage RAM)
- 28 fully programmable I/O pins
- Serial Penpheral Interface
- Flexible Clock controller for OSD, Data Slicer and Core Clocks running from a single low frequency external crystal
- Enhanced display controller with 26 rows of 40/80 characters
  - 2 sets of 512 characters, 10x10 dot matrix, definable by user
  - Serial and Parallel attributes
  - 4/3 and 16/9 supported in 50/60Hz and 100/120Hz mode
  - Rounding, fringe, double width, double height, scrolling, cursor, full background colour, half intensity colour, translucency and half-tone modes
- Teletext unit, including DataSlicer, Acquisition unit and up to 8Kbytes RAM for data storage
- VPS and Wide Screen Signalling slicer
- Integrated Sync Extractor and Sync Controller
- OSD

On Screen Display

The human interface is provided by the On Screen Display module, this can produce up to 26 lines of up to 80 characters from a ROM defined 512-character set. The character resolution is 10x10 dot. Four character sizes are supported. Serial attributes allow the user to select foreground and background. Parallel attributes can be used to select additional foreground and background colours and underline on a character-by-character basis.

Teletext and Display Storage RAM

The Internal Teletext and Display storage RAM can be used to store Teletext pages as well as Display parameters.

Teletext VPS and WSS Data Slicers

The three on-board data slicers using a single external crystal are used to extract the teletext, VPS and WSS information from the video signal. Hardware hamming decoding is provided.

Voltage Synthesis Tuning Control

14-bit Voltage Synthesis using the PWM /BRM technique can be used to generate tuning voltages for TV set applications. The tuning voltage is output on one of two separate output pins.

PWM Dutput

Control of TV settings can be made with up to eight 8-bit PWM outputs, with a maximum frequency of 23.437Hz at 8-bit resolution (INTCLK = 12MHz). Low resolutions with higher frequency operation can be programmed.

Serial Peripheral Interface (SPI)

The SPI bus is used to communicate with external devices via the SPI, or I^2C bus communication standards. The SPI uses a single data line for data input and output. A second line is used for a synchronous clock signal.

Standard Timer

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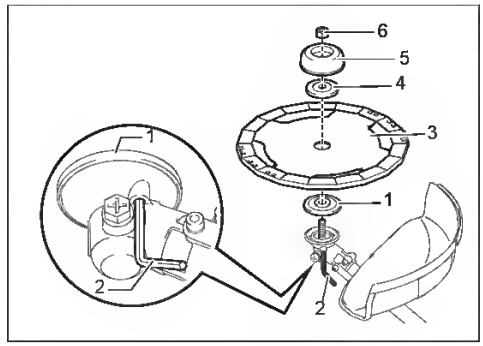
Montering av skärblad

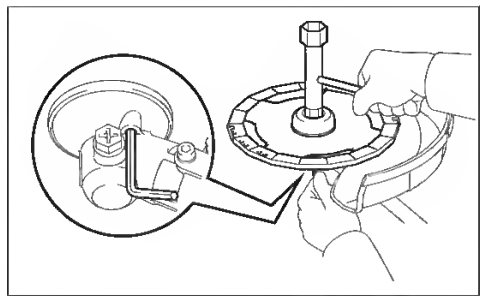


FÖRSIKTIGHET
Använd alltid handskar och sätt bladskyddet på metallbladet när du hanterar skärbladet

1. Montera kontrabrickan (1) på axeln.
2. För in insexnyckeln 4 (2) genom hålet i växellådan och rotera kontrabrickan (1) tills den låses med insexnyckeln.
3. Montera metallbladet (3) på skaftet så att brickans styrstift (1) passar in i metallbladets axelhål.
4. Montera klambrickan (4), stödkoppen (5) och fast skärbladet genom att vrida muttern (6) moturs. [Åtdragningsmoment: 13–23 Nm]
5. Efter att metallbladet monterats ska man ta bort insexnyckeln.

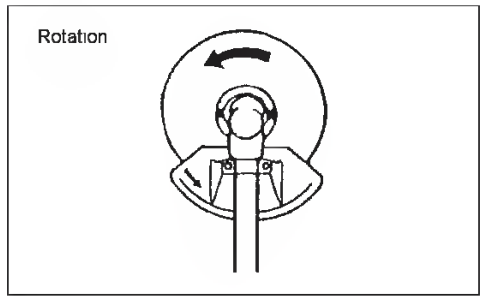
Utför följande för att ta bort metallbladet.

1. För in insexnyckeln genom hålet i växellådan och rotera kontrabrickan tills den låses med insexnyckeln.
2. Lossa muttern medurs med hylsnyckeln och ta bort muttern, koppen, klambrickan och insexnyckeln.



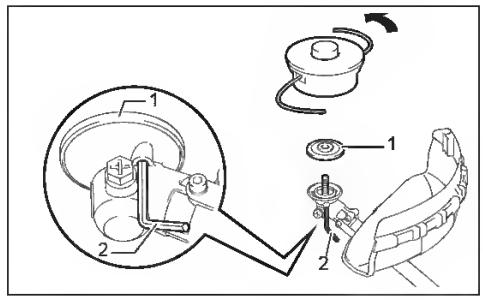
OBS
Fästmuttern till skärbladet (med fjäderbricka) slits ut med tiden. Byt ut muttern om fjäderbrickan uppvisar något tecken på slitage eller deformation.

Kontrollera så att bladet roterar åt vänster



Montering av trimmerhuvudet

1. Montera kontrabrickan (1) på axeln.
2. För in insexnyckeln (2) genom hålet i växellådan och rotera kontrabrickan (1) tills den låses med insexnyckeln.
3. Skruva på trimmerhuvudet på skaftet genom att vrida det moturs.
4. Efter att trimmerhuvudet monterats ska man ta bort insexnyckeln.



GUARANTEE CONDITIONS

South Africa

Guarantee Conditions

1. AEG guarantees the equipment against defective material or faulty manufacture, **provided it is** used for domestic purposes only, for a period twelve (12) months from the date of purchase by the original purchaser. **If used for commercial purposes, the warrantly period will be limited to six (6) months.**

2. Where the appliance is used or installed more than Fifty **(50)** kilometres from the nearest AEG Service Agent shall be **for** the account of the purchaser.

3. The risk in regard to appliances to be repaired shall at all times remain with the purchaser.

4. This guarantee is given on condition that only genuine AEG parts and accessories are at all times used in the appliance.

5. AEG shall not be responsible for damage of any kind resulting from electricity fluctuations, faults in the building wiring, faulty **installations**, improper use of controls or failure to use the appliance in accordance with the operating instructions **and/or** general misure **and/or** abuse.

6. Any attempt by an unauthorised person to repair or tamper with the equipment shall render this guarantee null and void.

7. This guarantee does not apply to light bulbs, loose glass, glass oven doors and enamelled surfaces or to dust bags, filters **and other parts subject to wear and tear.**

8. AEG shall not be responsible in terms of this guarantee for the replacement or repair of any part of the equipment which may have been damaged in transit.

9. Repairs carried out under guarantee do not extend the guarantee period for the appliance. Parts removed during guarantee repairs become the property of AEG.

10. This guarantee shall be available only to an original purchaser of AEG **domesic** appliances from an authorised AEG Dealer of **Distributor** in and where the appliance has been retained for use in the Republic of South Africa, Namibia, Botswana, Swaziland, Lesotho and **Zimbabwe.**

11. Failure to produce documentary proof of the date or original acquisition by the original purchaser will result in **normal charges** being levied for **the** work **carried out** and **the** parts supplied.

12. The liability of AEG under this guarantee is limited to the replacement and/or repair of the defective parts within the guarantee period and does not extend to be installation or removal of the appliance. Furthermore, AEG does not accept responsibility or **liability** to compensate for any consequential loss or damage of any kind caused by or due to the failure of operation or malfunction of any equipment to which this guarantee applies.

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③ Admin Password

To lock the Tool menu with a password, check on “Enable”. Setting for the below items:

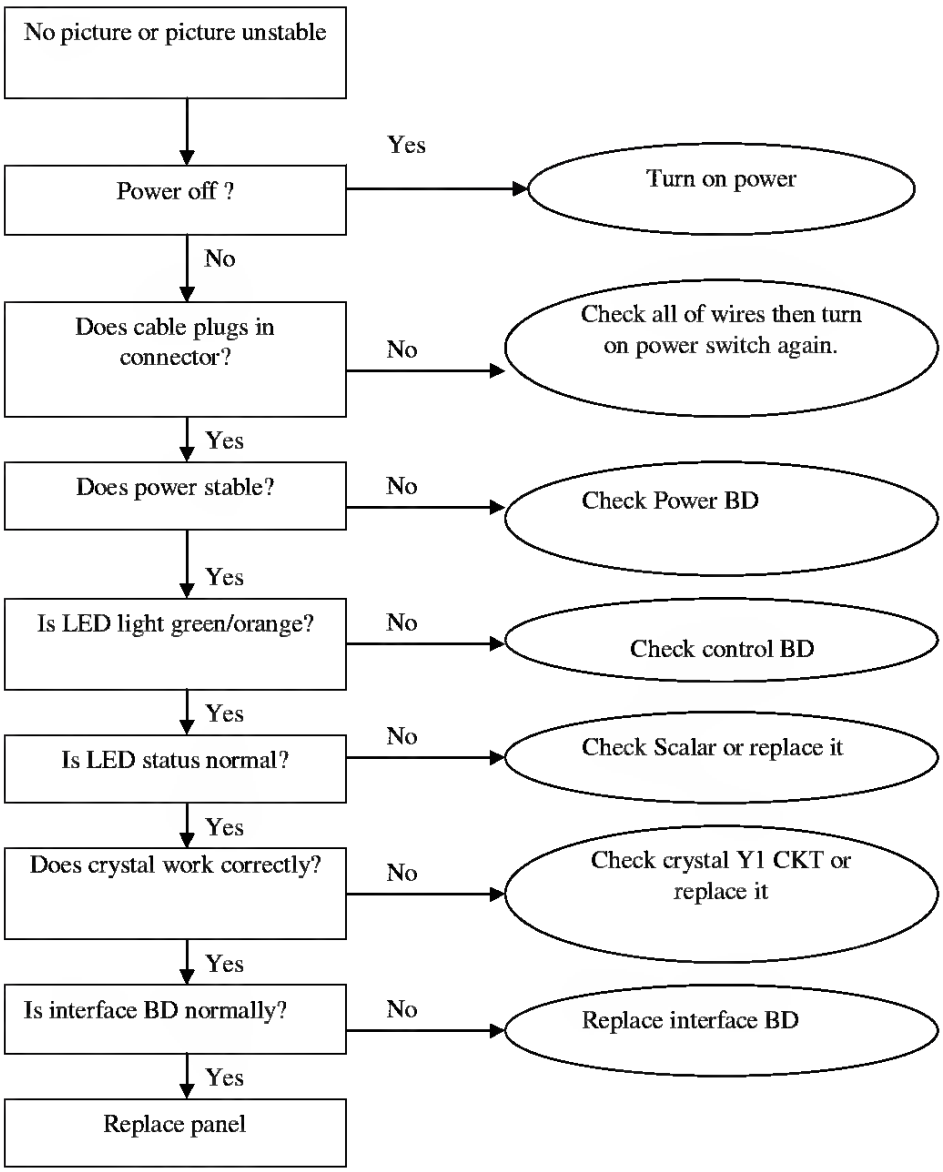
Items	Functions
New Password	Enter new password to change the password for the Tool menu (within 15 characters)
Confirm	Enter the password you have set on the "New Password". The error will show if not equal.
Send	Click to fix what is set on this Admin Password

6. Level 2 Circuit Board and Standard Parts Replacement

6.1. Trouble Shooting Guide

1. No Display or display is unstable:

1.1. Interface Board:



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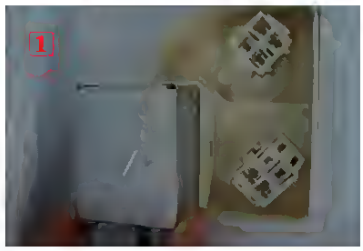
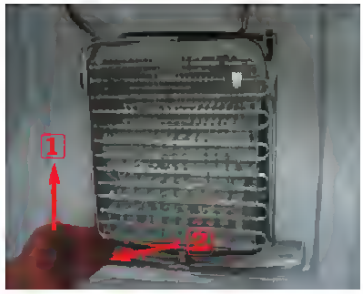
DISASSEMBLY AND REASSEMBLY

3-18) Evaporator In Refrigerator

Part Name	How To Do	Descriptive Picture
Evaporator In Refrigerator	1. Remove the the housing cover by pushing both lateral sides of the housing cover (1) and pulling it out. (Refer to the picture)	
	2. Disconnect the housing connector part on left side. (Refer to the picture)	
	3. Disconnect the housing connector on right side.	
	4. Remove the evaporator by lifting the bottom side of it up and pulling it out. (Refer to the picture)	

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Chapter 3

Diagnostics and Troubleshooting

This chapter describes software and firmware diagnostic tools available for Compaq server products utilizing the Server Feature Board. The sections in this chapter are:

- Diagnostic Tools Overview
- Default Configuration
- Utilities Access
- POST Error Messages
- Diagnostics Software
- Array Diagnostic Utility (ADU)
- Integrated Management Log (IML)
- Event List
- Rapid Error Recovery
- ROMPaq Error Recovery Options
- Compaq Insight Manager

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C.11 Board ID — BASE+28H

The PCI-1784 offers Board ID register BASE+28H. With correct Board ID settings, user can easily identify and access each card during hardware configuration and software programming.

Table C-10 PCI-1784 Board ID data

Base Addr.		15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
		31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
28H	R	Board ID															
		0	0	0	0	0	0	0	0	0	0	0	0	BD3	BD2	BD1	BD0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

BD3 ~ DB0 **Board ID**

BD0 LSB of the Board ID

BD3 MSB of the Board ID

BD3	BD2	BD1	BD0	Board ID
1	1	1	1	15
1	1	1	0	14
1	1	0	1	13
1	1	0	0	12
1	0	1	1	11
1	0	1	0	10
1	0	0	1	9
1	0	0	0	8
0	1	1	1	7
0	1	1	0	6
0	1	0	1	5
0	1	0	0	4
0	0	1	1	3
0	0	1	0	2
0	0	0	1	1
0	0	0	0	0

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Summary of Audible/Visual Notifications

Custom English Display Touchpads

SOUND	CAUSE	DISPLAY
LOUD, INTERRUPTED* Toucbpad & Ext.	FIRE ALARM	**FIRE** is displayed; descriptor of zone in alarm is displayed. If a fire alarm is manually activated, zone number 95 will be displayed
LOUD, CONTINUOUS* Toucbpad & Ext.	BURGLARY/AUDIBLE EMERGENCY ALARM.	**ALARM** is displayed. If programmed, descriptor of zone in alarm is also displayed
ONE SHORT BEEP (not repeated) Toucbpad only	a. SYSTEM DISARM b. SYSTEM ARMING ATTEMPT WITH AN OPEN ZONE. c. BYPASS VERIFY	a. **DISARMED/READY TO ARM** is displayed. b Number and descriptor of open protection zone is displayed. c. Numbers and descriptors of the bypassed zones are displayed (One beep is heard for each zone displayed). Subsequently, the following is displayed: **DISARMED BYPASS /Ready to Arm.**
ONE SHORT BEEP (once every 40 secs) Touchpad only	a. SYSTEM IS IN TEST MODE. b, LOW BATTERY AT A TRANSMITTER	a Opened Zone identifications will appear. b **LO BAT** displayed with description of transmitter.
TWO SHORT BEEPS Touchpad only	ARM AWAY.	**ARMED AWAY** displayed. Red ARMED indicator lit.
THREE SHORT BEEPS Touchpad only	a. ARM STAY, NIGHT-STAY, OR INSTANT. b. ZONE OPENED WHILE SYSTEM IS DISARMED.	a **ARMED STAY** or **ARMED INSTANT** displayed. Red ARMED indicator lit. b. **CHIME** displayed, descriptor of open protection zone will be displayed if the [✱] key is pressed.
RAPID BEEPING Touchpad only	a. TROUBLE b. MEMORY OF ALARM. c. SYSTEM LOW BATTERY d. EXT. SOUNDER WIRE FAIL.	a **CHECK** displayed. Descriptor of troubled protection zone is displayed. b. **FIRE** or **ALARM** is displayed; descriptor of zone in alarm is displayed. c. **SYSTEM LO BAT** displayed d. **BELL FAILURE** is displayed.
SLOW BEEPING Touchpad only	a. EXIT DELAY WARNING (if programmed). b. ENTRY DELAY WARNING	a **ARMED AWAY** is displayed along with **You May Exit Now.** b. **DISARM SYSTEM OR ALARM WILL OCCUR** is displayed. **Exceeding the delay time without disarming causes an alarm.**

* If a bell is used as external sounder, fire alarm is *pulsed ring*, burglary/audible emergency is *steady ring*.

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Protecting Images

Set the data to read-only to prevent images from being erased by mistake.

Protecting Images

1. Slide the mode switch to [▶].
2. Select the image that you want to protect with the ▲ / ▼ buttons.
3. Press the **MENU** button.
   - The playback menu is displayed.
4. Select [Protect] with the ▲ / ▼ buttons, and press the **SET** button.
5. Select [Single] or [All] with the ▲ / ▼ buttons, and press the **SET** button.
6. Select [Set] with the ▲ / ▼ buttons, and press the **SET** button.
   - Protect is executed and the camera returns to the play mode.
   - The protect icon [🔒] is displayed with protected images. When [All] has been selected, [🔒] is displayed with all the images.

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The Award BIOS utility is a hardware configuration program built into your system's Basic Input/Output System (BIOS). It supports a jumper-less design that automatically detects the CPU voltage and frequency.

If you made some changes in the CMOS settings (BIOS) and your system fails to boot, do the following:

1. Hold down the **HOME** key while you reboot your system.
2. When the system boots up, enter Setup by pressing **Ctrl-Alt-Esc**. The BIOS Setup main menu appears.
3. Choose **Load Setup Defaults** to undo the changes you made and set the BIOS setup parameters to their original settings.

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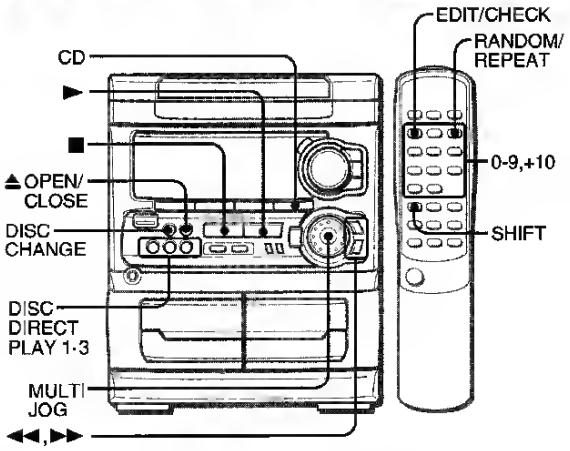
OPERATIONS DE BASE



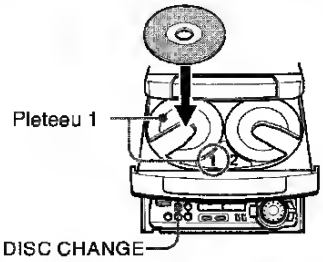
MISE EN PLACE DE DISQUES

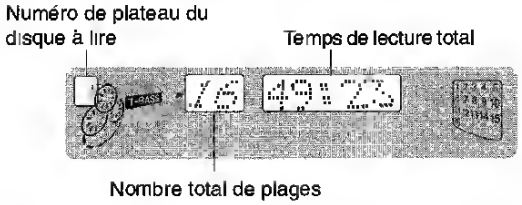
Appuyer sur CD, puis appuyer sur ≜ OPEN/CLOSE pour ouvrir le compartiment à disques. Mettre le(s) disque(s) en place avec l'étiquette en haut.

Pour lire un ou deux diaques, mettre les disques sur les plateaux 1 et 2.

Pour lire trois diaques, appuyer sur **DISC CHANGE** pour faire tourner les plateaux après avoir mis deux disques en place. Mettre en place le troisième disque sur le plateau 3.

Fermer le compartiment à disques en appuyant sur **≜ OPEN/CLOSE**.



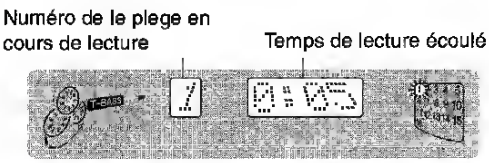


LECTURE DE DISQUES

Mettre des disques en place.

Pour lire tous les disques situés dans le compartiment, appuyer sur ►.

Le lecture commence per le disque du plateau 1.



Pour lira un diaque seulement, appuyer sur une des touches DISC DIRECT PLAY 1-3.

Le disque sélectionné est lu une fois.

Pour arrêter la lecture, appuyer sur ■.

Pour mettre la lecture en pause, appuyer sur **II**. Pour reprendre la lecture, appuyer de nouveau sur cette touche.

Pour rechercher un point particulier pendant la lecture, tenir ◄◄ ou ►► enfoncée jusqu'à ce que le point souhaité soit atteint.

Pour passer au début d'une plage pendant la lecture, appuyer sur ◄◄ ou ►► à plusieurs reprises ou tourner **MULTI JOG**.

Pour enlever dea diaquea, eppuyer sur **≜ OPEN/CLOSE**.

Pour démarrer la lecture quand l'alimentation eat coupée (fonction de lecture directe)

Appuyer sur **CD**. L'appareil est mis sous tension et le lecture du (des) disque(s) en place démarre.

Quend on eppuie sur **≜ OPEN/CLOSE**, l'appareil est aussi mis sous tension et le compertiment à disques est ouvert.

Pour vérifiar le temps restant

Pendant la lecture, appuyer sur **EDIT/CHECK** de la télécommende tout en appuyant sur **SHIFT**. Le temps restent jusqu'à ce que toutes les plages soient lues est effiché. Pour rétablir l'affichage du temps de lecture, répéter cette operetion.

Sélection d'une plage avec la télécommande

1 Appuyer sur une des touches **DISC DIRECT PLAY 1-3** pour sélectionner un disque.
2 A l'aide des touches numériques **0-9** et **+10**, sélectionner une plage.
Exemple:
Pour sélectionner le vingt-cinquième plage, appuyer sur **+10**, **+10** et **5**
Pour sélectionner la dixième plage, appuyer sur **+10** et **0**.
Le lecture démarre à la plege sélectionnée et continue jusqu'à la fin du disque.

Changement de disques pendant la lecture

Pendant qu'un disque est en lecture, on peut remplecer les eutres disques sans interrompre la lecture.

1 Appuyer sur **DISC CHANGE**.
2 Enlever les disques et mettre d'autres disques en place.
3 Appuyer sur **≜ OPEN/CLOSE** pour fermer le compartiment à disques.

REMARQUE

- Pour mettre un disque de 8 cm en place, le poser dans le renfoncement circulaire du plateau
- Ne pas mettre plus d'un disque compact sur un plateau.
- Ne pas incliner l'appareil avec des disques en place. Cela pourrait provoquer des pannes.

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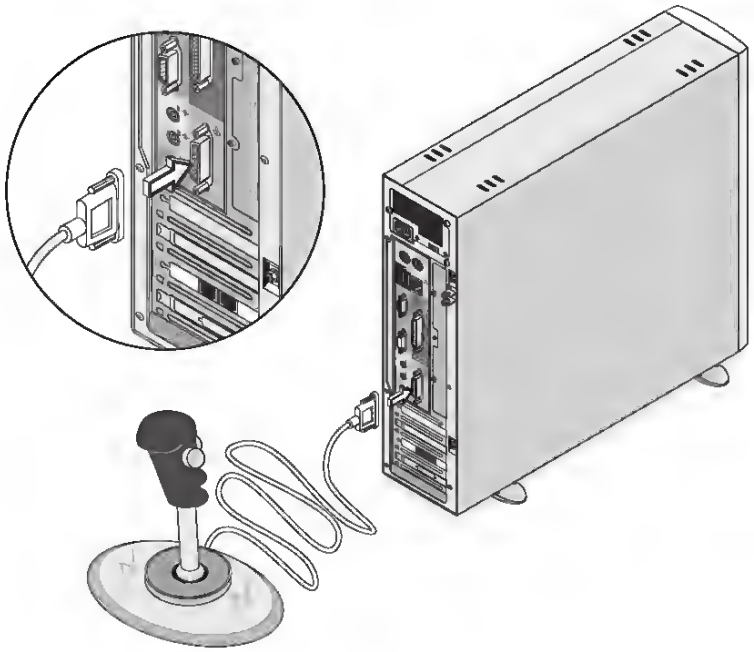
- joystick: connect to the Game/MIDI port (gold port) located on the rear panel of your computer



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Audio

The system provides you whole new enthusiastic audio experience including Acer PureZone with two built-in stereo microphones featuring beam forming and echo cancellation technologies. The computer also comes with 32-bit Intel High Definition (HD) Audio, and dual stereo speakers.

Adjusting the volume

Adjusting the volume on the computer is as easy as pressing some buttons. See **"Hotkeys" on page 30** for more information on adjusting the speaker volume.

Acer PureZone

Acer PureZone technology supports Acoustic Echo Cancellation, Beam Forming and Noise Suppression for pure sound recording.

To set up your microphone, run the **Realtek HD Audio Manager** by double-clicking the **Realtek** HD **Audio Manager** icon in the system tray of your Windows system. The **Realtek HD Audio Manager** dialog box will pop up.

Click the **Microphone** tab, and then click the **Microphone Effects** tab. Select **Beam Forming** and **Acoustic Echo Canellation** to set the microphone effect.

Note: Disable the beam forming to get the multi-sound source input.

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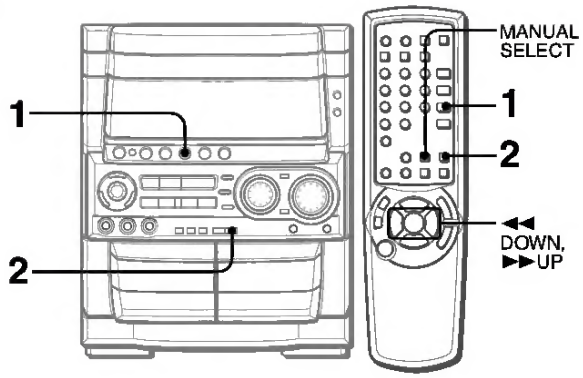
REPRODUCCION CON DOLBY PRO LOGIC



1 Pulse VIDEO/AUX/5.1CH y empiece a reproducir la fuente de vídeo.
Se visualiza "VIDEO".
Si se visualiza "5.1 ch IN", vuelva a pulsar **VIDEO/AUX/5.1CH**.

2 Pulse DOLBY PRO LOGIC.
Se seleccionará "NORMAL" y el sonido de reproducción tendrá el efecto DOLBY PRO LOGIC.

Para cancelar el modo Dolby Pro Logic
Pulse repetidamente **DOLBY PRO LOGIC** hasta que se visualice "OFF".

Para cambiar los niveles de sonido durante la reproducción
Después de ajustar el equilibrio con el secuenciador de ruido, los niveles de sonido del altavoz central y de cada uno de los altavoces de sonido ambiental pueden ajustarse durante la reproducción de discos láser o programas de vídeo.

1 Pulse repetidamente **MANUAL SELECT** del control remoto para seleccionar "CEN" (altavoz central), "S-L" (altavoz de sonido ambiental izquierdo) o "S-R" (altavoz de sonido ambiental derecho).
2 Mientras se visualiza "CEN" "S-L" o "S-R", pulse ◄◄ **DOWN** o ►► **UP** del control remoto para ajustar el volumen.

OTROS MODOS DOLBY PRO LOGIC

Además del modo NORMAL, esta unidad tiene también los modos PHANTOM y 3 STEREO.
Modo PHANTOM: Utilice este modo cuando no esté conectado el altavoz central. Las señales del altavoz central saldrán por los altavoces derecho e izquierdo.
Modo 3 STEREO: Utilice este modo cuando no estén conectados los altavoces de sonido ambiental. Este modo reproduce el sonido de los altavoces traseros por los altavoces delanteros.

Para seleccionar PHANTOM o 3 STEREO
Pulse repetidamente **DOLBY PRO LOGIC** hasta que se visualice el modo DOLBY PRO LOGIC deseado. El modo DOLBY PRO LOGIC se visualizará cíclicamente de la forma siguiente.

NORMAL → PHANTOM → 3 STEREO → OFF (cancelación) → NORMAL

Para ajustar el equilibrio de los niveles de sonido de los altavoces conectados
Realice los pasos 2 a 4 de "AJUSTE DEL EQUILIBRIO DE SONIDO DE LOS ALTAVOCES".

NOTA

- Dependiendo de la fuente de sonido y/o de las condiciones de escucha, tal vez no se obtenga un efecto de sonido ambiental aunque DOLBY PRO LOGIC esté activado.
- El efecto completo de DOLBY PRO LOGIC no se podrá obtener cuando se utilicen programas que no tengan la marca DOLBY SURROUND. En este caso, utilice el sistema DSP SURROUND. (Consulte la página 11.)
- DOLBY PRO LOGIC se cancela automáticamente cuando:
  - Se cambia el nivel de ECHO.
  - Se activa el sistema DSP SURROUND o BBE.
  - Se conectan auriculares.
  - Se activa la función de Karaoke.
  - Se selecciona 5.1 CH (página 29).
- Ponga el volumen de micrófono en OFF cuando DOLBY PRO LOGIC este activado. De lo contrario, el sonido DOLBY PRO LOGIC no podrá ser reproducido correctamente.

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Power management

This computer has a built-in power management unit that monitors system activity. System activity refers to any activity involving one or more of the following devices: keyboard, mouse, floppy drive, hard disc, peripherals connected to the serial and parallel ports, and video memory. If no activity is detected for a period of time (called an inactivity timeout), the computer stops some or all of these devices in order to conserve energy.

This computer employs a power management scheme that supports the advanced configuration and power interface (ACPI), which allows for maximum power conservation and maximum performance at the same time. Windows handles all power-saving chores for your computer.

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5.4 Operating Specifications

Frequency Band	2.400 ~ 2.4835GHz (subject to local regulations)
Number of Channel:	USA and Canada -11 Most France -4 European countries -13
Operating Voltage:	5V
Spreading:	DSSS (Direct Sequence Spread Spectrum)
Date rate:	11Mbps, 5.5Mbps, 2Mbps, 1Mbps Nominal Temp Range: 17 dBm
Transmit Power:	Extended Temp Range: 14 dBm min. Transmit power, 2.7v to 3v: 14 dBm min.

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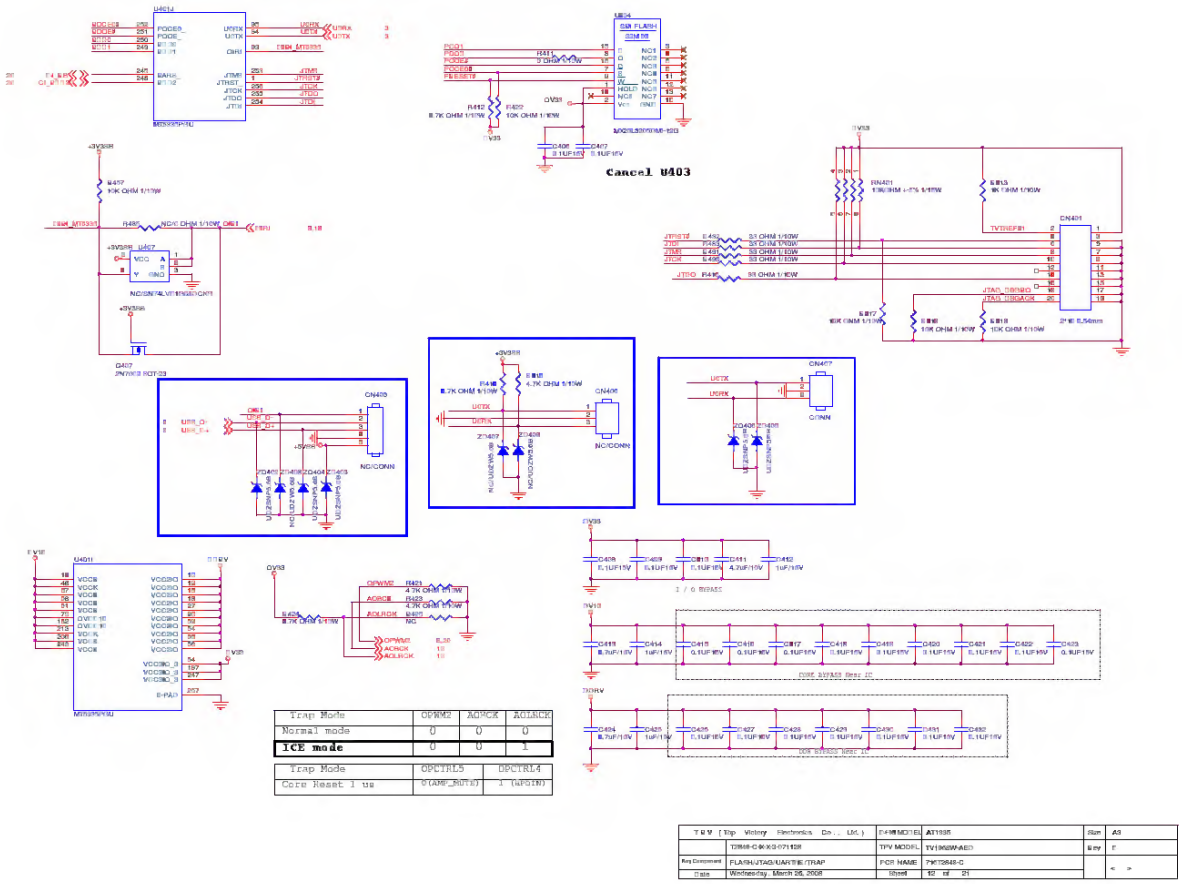

Trap Mode	OPWM2	ACPCK	ACLRCK
Normal mode	0	0	0
ICE mode	0	0	1

Trap Mode	OPCTRL5	OPCTRL4
Core Reset 1 us	0 (ARM_RUN)	1 (WFGIN)

T P V [Top Victory Electronics Co., Ltd.]		E49MD01E	AT1935	Size A3
	T2M68-C9KX3-071108	TPV MODEL	TV19MDW-AED	Rev F
Key Component	FLASH/JTAG/UART/E /TRAP	PCB NAME	79T2648-C	
Date	Wednesday, March 26, 2008	Sheet	12 of 21	

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